

	•	
Page/Line	Source	ID
7:19 - 7:24	Raj, Kavitha 01-08-2019 (00:00:08)	RajFINAL
	7:19 Q. Hi. My name is Brent Wisner. I'm an	
	7:20 attorney for Alva and Alberta Pilliod.	
	7:21 Do you know them?	
	7:22 A. Yes, I do.	
	7:23 Q. How do you know them?	
	7:24 A. I have treated them.	
8:2 - 8:7	Raj, Kavitha 01-08-2019 (00:00:15)	RajFINAL
	8:2 How long have you treated Alberta?	
	8:3 A. I'd probably have to look at my notes to	
	8:4 see when exactly I started treating her. For a few	
	8:5 years now, a couple years. But I don't know the	
	8:6 exact date, like maybe 2015 or '16. Since then,	
	8:7 yeah.	
12:19 - 12:25	Raj, Kavitha 01-08-2019 (00:00:11)	RajFINAL
	12:19 What sort of doctor are you?	
	12:20 A. I am a hematologist and medical	
	12:21 oncologist.	
	12:22 Q. And what does that mean?	
	12:23 A. I treat cancers and blood disorders.	
	12:24 Q. How long have you been doing that for?	
	12:25 A. I've been doing that since 2010.	
13:1 - 13:3	Raj, Kavitha 01-08-2019 (00:00:04)	RajFINAL
	13:1 Q. Okay. And are you is there any board	
	13:2 certification associated	
	13:3 A. Correct. Uh-huh. There is.	
13:17 - 13:25	Raj, Kavitha 01-08-2019 (00:00:19)	RajFINAL
	13:17 Q. And what is that certification called?	
	13:18 A. It is American Board of Internal Medicine.	
	13:19 They hold exams. Those are the board certifications	
	13:20 for both hematology and medical oncology.	
	13:21 Q. And have you specialized in that type of	
	13:22 medicine your entire career?	
	13:23 A. Correct.	
	13:24 Q. Okay. Did you go to medical school?	
	13:25 A. Yes.	
14:1 - 14:23	Raj, Kavitha 01-08-2019 (00:00:58)	RajFINAI
	14:1 Q. Where did you go to medical school?	
	14:2 A. In India.	
	14:3 Q. Okay. And then did you after medical	

Page/Line	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court Source	ID
rage/Line	Source	
	14:4 school there's a residency; is that right?	
	14:5 A. Right.	
	14:6 Q. Did you do a residency in the States or in	
	14:7 India?	
	14:8 A. I did both.	
	14:9 Q. Okay. How does that work?	
	14:10 A. So I finished my medical school in India	
	14:11 and did a residency for one year where you are	
	14:12 licensed to practice medicine, and then I came here.	
	14:13 You have to do certain exams, multiple	
	14:14 exams to apply for residency. And then I finished	
	14:15 my residency in internal medicine for three years.	
	14:16 I worked as a faculty in internal medicine	
	14:17 for two years. And then you apply for fellowship.	
	14:18 And it's a very comprehensive process.	
	14:19 And then I did a fellowship in hematology	
	14:20 and oncology for another three years at University	
	14:21 of California, Irvine. And then I finished that in	
	14:22 2010. And since then I have been practicing	
	14:23 hematology and oncology.	
16:3 - 16:10	Raj, Kavitha 01-08-2019 (00:00:17)	RajFINA
	16:3 Have you ever heard of something called a	
	16:4 differential etiology?	
	16:5 A. Of course.	
	16:6 Q. What is that?	
	16:7 A. Meaning that's something basic in medical	
	16:8 school we go through. It's essentially what could	
	16:9 be the possible causes. That's what differential	
	16:10 etiology for a condition.	
16:20 - 17:17	Raj, Kavitha 01-08-2019 (00:01:17)	RajFINA
	16:20 Q. And with regards to Mrs. Pilliod, do you	
	16:21 recall if you've ever engaged in a differential	
	16:22 etiology about her cancer?	
	16:23 A. I think they we after yes. So I	
	16:24 treated the husband. So when the wife came up with	
	16:25 a same diagnosis of lymphoma they did ask me the	
	17:1 question because they live in the same household	
	17:2 and they had been diagnosed with similar cancers.	
	17:3 And they asked me, well, what could be the cause of	
	17:4 it. So we did have a conversation about a possible	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	17:5 environmental exposure to some toxins.	
	17:6 And I did tell them that we can't know	
	17:7 that for sure because it's not like lung cancer	
	17:8 where we know that probable etiology is smoking.	
	17:9 For lymphomas, we have possible theories,	
	17:10 but we don't know for sure.	
	17:11 Q. And when they asked you that question did	
	17:12 you do any research to see about whether or not any	
	17:13 of their exposures may have led to their lymphoma?	
	17:14 A. That's not what I do typically in	
	17:15 practice. I'm not an expert in, you know, finding	
	17:16 out the etiology of cancers. I don't do that type	
	17:17 of research. I treat cancers. So, no, I have not.	
17:24 - 18:2	Raj, Kavitha 01-08-2019 (00:00:09)	RajFINAL.9
	17:24 So would it by fair to say, then, that you	
	17:25 haven't formed any opinion about the cause of	
	18:1 Mrs. Pilliod or Mr. Pilliod's lymphoma?	
	18:2 A. Correct.	
19:12 - 19:13	Raj, Kavitha 01-08-2019	RajFINAL.10
	19:12 (Whereupon, Exhibit 3 was marked for	
	19:13 identification.)	
19:18 - 20:8	Raj, Kavitha 01-08-2019 (00:00:30)	RajFINAL.11
	19:18 Q. I have handed you Exhibit 3. It is a	RK3.1
	19:19 document printed from the American Cancer Society.	
	19:20 It's titled "Key Statistics for Non-Hodgkin's	RK3.1.1
	19:21 Lymphoma."	
	19:22 Do you see that, Doctor?	
	19:23 A. Yes, I do.	
	19:24 Q. Okay. And if you look at the paragraph	
	19:25 following the two bullet points, the first sentence	
	20:1 reads, "The average."	RK3.1.2
	20:2 Do you see that?	
	20:3 A. Yes, I do.	
	20:4 Q. Okay. It reads, "The average American's	
	20:5 risk of developing NHL during his or her lifetime is	
	20:6 about one in 47."	
	20:7 Did I read that correctly?	
00:05 00:4	20:8 A. Yes, you did.	
22:25 - 23:4	Raj, Kavitha 01-08-2019 (00:00:18)	RajFINAL.12
	22:25 Q. Okay. During your treatment of either of	
Plaintiff Designations	Monsanto Designations	Page 4/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	23:1 the Pilliods, were you aware that the average	
	23:2 American's risk of developing NHL during his or her	
	23:3 lifetime was about one in 47?	
23:14 - 23:16	23:4 A. Yes, those are known statistics.	RajFINAL.13
20.14 20.10	Raj, Kavitha 01-08-2019 (00:00:04)	clear
	23:14 Mrs. Pilliod was diagnosed with diffuse 23:15 B-cell lymphoma, correct?	
	23:16 A. Correct.	
23:19 - 24:1	Raj, Kavitha 01-08-2019 (00:00:20)	RajFINAL.14
	23:19 Q. What was Mr. Pilliod diagnosed with?	
	23:20 A. The same, diffuse large B-cell lymphoma.	
	23:21 Q. Okay. And during your treatment of the	
	23:22 Pilliods and when they asked you that question about	
	23:23 maybe what could have caused their cancer, did you	
	23:24 consider the likelihood of of two different	
	23:25 individuals living together getting the same type of	
	24:1 lymphoma?	
24:3 - 24:4	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.15
	24:3 THE WITNESS: We did consider that	
	24:4 possibility, yes.	
24:18 - 24:25	Raj, Kavitha 01-08-2019 (00:00:16)	RajFINAL.230
	24:18 Q. Did you specifically discuss during that	
	24:19 conversation Roundup or a chemical called	
	24:20 glyphosate?	
	24:21 A. I don't remember discussing a particular	
	24:22 chemical.	
	24:23 Q. Are you familiar with either of those	
	24:24 chemicals?	
	24:25 A. Roundup, yes.	
25:25 - 26:12	Raj, Kavitha 01-08-2019 (00:00:40)	RajFINAL.231
	25:25 Q. And when you were treating Mr. and	
	26:1 Mrs. Pilliod, were you familiar with whether or not,	
	26:2 generally, pesticides are associated with lymphoma?	
	26:3 A. Yes.	
	26:4 Q. And what was your understanding at the	
	26:5 time?	
	26:6 A. I don't think we had talked about their	
	26:7 exposure to pesticides. I think very one	
	26:8 conversation we have had, if I remember correct, we	
	26:9 have had only one conversation about discussing the	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	26:10 causality of their lymphoma. But I mean, any	
	26:11 chemicals, including pesticides, are known to cause	
	26:12 any form of cancers, including lymphoma.	
29:3 - 29:9	Raj, Kavitha 01-08-2019 (00:00:16)	RajFINAL.17
	29:3 Q. Okay. So if I said IARC, that wouldn't	
	29:4 ring any bells?	
	29:5 A. No.	
	29:6 Q. Okay. And I assume, then, since it	
	29:7 doesn't ring any bells, in your medical training and	
	29:8 as part of your work as an oncologist, you have not	
	29:9 come across any IARC monographs; is that fair?	
29:11 - 29:11	Raj, Kavitha 01-08-2019 (00:00:00)	RajFINAL.18
	29:11 THE WITNESS: Correct.	
29:13 - 29:17	Raj, Kavitha 01-08-2019 (00:00:10)	RajFINAL.19
	29:13 Q. Have you okay. So I know the answer to	
	29:14 this, but I'm just going to make sure.	
	29:15 You've never looked at a monograph by IARC	
	29:16 specifically related to glyphosate?	
	29:17 A. Correct.	
30:2 - 30:3	Raj, Kavitha 01-08-2019 (00:00:04)	RajFINAL.21
	30:2 Q. All right, Doctor. I'm handing you what	RK4.1
	30:3 I'm marking as Exhibit 4.	
30:4 - 30:5	Raj, Kavitha 01-08-2019	RajFINAL.22
	30:4 (Whereupon, Exhibit 4 was marked for	
	30:5 identification.)	
30:9 - 30:19	Raj, Kavitha 01-08-2019 (00:00:25)	RajFINAL.24
	30:9 Q. Do you recognize this document?	
	30:10 A. It looks like it's my document. I signed	
	30:11 it. Uh-huh.	
	30:12 Q. What is it?	
	30:12 G. What is it? 30:13 A. It is my initial consult visit for	RK4.1.1
	30:14 Mrs. Pilliod, yeah.	
	30:15 Q. Okay. And this is dated May 22nd, 2015?	
	30:16 A. Correct.	RK4.3.1
	30:17 Q. All right. And if you look at the last	11111.0.1
	30:18 page that's your digital signature?	
20:4 20:6	30:19 A. Correct, it is mine.	DeiEINIAL OF
32:4 - 32:6	Raj, Kavitha 01-08-2019 (00:00:05)	RajFINAL.25
	32:4 Q. Okay. And so, you know, going through	DIZAGO
	32:5 this record here, the first section is History of	RK4.1.2
Plaintiff Designations	Monsanto Designations	Page 6/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	D
32:9 - 32:16	32:6 Present Illness. Raj, Kavitha 01-08-2019 (00:00:17) 32:9 Q. What is that section generally supposed to 32:10 capture?	RajFINAL.20
	32:11 A. It's supposed to capture how someone 32:12 presented, what kind of symptoms that they had 32:13 preceding the diagnosis of their cancer. And if 32:14 they've had any treatment so far, we usually 32:15 summarize that treatment and that history of	
33:22 - 34:10	32:16 presenting illness. Raj, Kavitha 01-08-2019 (00:00:36)	RajFINAL.27
	 33:22 Q. Okay. And if we turn the page, there's a 33:23 section titled Family History. 33:24 Do you see that? 33:25 A. Yes. 	RK4.2.8
	 33:25 A. Yes. 34:1 Q. What does that reflect? 34:2 A. There are certain cancers that are 34:3 related, like meaning inherited, like genetical, 34:4 genetic predisposition. So we usually ask for 34:5 family history in every cancer patient that we see. 34:6 So that's what it lists there. 34:7 Q. And do you see anything in your record 34:8 related to Ms. Pilliod that shows a predisposition 34:9 for lymphoma? 34:10 A. No. 	
37:21 - 38:8	 Raj, Kavitha 01-08-2019 (00:00:39) 37:21 Q. All right. It says, "This is an initial 37:22 oncology consultation for Alberta Pilliod, a 37:23 71-year-old female. She has a history of diffuse 37:24 large B-cell primary CNS lymphoma." 37:25 Did I read that right? 38:1 A. Yes. 38:2 Q. What is, to the best of your knowledge, 38:3 B-cell primary CNS lymphoma? 38:4 A. So she has a lymphoma called diffuse large 38:5 B-cell lymphoma. There's B-cells, T-cells. It's a 38:6 B-cell lymphoma. And for her it was involving her 38:7 brain. And that's why it's called the primary. CNS 38:8 stands for central nervous system. 	RajFINAL.28 RK4.1.3
38:9 - 38:15	Raj, Kavitha 01-08-2019 (00:00:11)	RajFINAL.20

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	38:9 Q. Okay. And I understand that lymphoma38:10 starts in the bones, but it can ultimately manifest38:11 at different parts of the body; is that right?38:12 A. Correct.	
	38:13 Q. And so in her case it manifested in the 38:14 central nervous system?	
38:16 - 41:17	 38:15 A. Correct. Raj, Kavitha 01-08-2019 (00:03:33) 38:16 Q. Is diffuse large B-cell primary CNS 38:17 lymphoma an indolent or aggressive type of cancer? 38:18 A. It is a very aggressive type of cancer. 28:10 Q. And is that based on your experience on on 	RajFINAL.30
	38:19 Q. And is that based on your experience as an38:20 oncologist?38:21 A. Yes.	
	 38:22 Q. Okay. It goes on. 38:23 "She initially presented in March 2015 38:24 with vertigo, gait instability, intermittent" 38:25 A. Diplopia. 39:1 Q. " diplopia and headaches that developed 39:2 ten days prior." 39:3 Did I read that right? 39:4 A. Yes. 39:5 Q. Just for the jury's benefit, what is 39:6 diplopia? 39:7 A. It's double vision. 39:8 Q. Okay. And these sort of symptoms that are 39:9 reported here in this record, are those consistent 39:10 with someone suffering from cancer in the central 39:12 A. Yes. 	RK4.1.4
	 39:13 Q. Okay. It goes on. 39:14 "She had a" is that a CT scan? 39:15 A. Correct. 39:16 Q "of the head on March 12th of 2015, 39:17 which was negative for any acute abnormality. Two 39:18 days later she suffered a fall and hit her head on 39:19 the bathroom floor. 39:20 "A repeat CT scan on March 14th, 2015, 39:21 showed a stable hyperdense region within the right 39:22 inferior anterior cerebellum and mid brain." 	RK4.1.5

Page/Line		
Page/Line	Source	ID
	39:23 Did I read that right?	
	39:24 A. Yes.	
	39:25 Q. I'm actually proud of myself now.	
	40:1 Can you explain to me, to the best of your	
	40:2 ability, in layman's terms what I just read?	
	40:3 A. Yeah.	
	40:4 So the CT scan of her brain showed an	
	40:5 abnormal area in the back of her brain. That's the	
	40:6 cerebellum. And also the mid brain. That's	
	40:7 that's what it means.	
	40:8 Q. And in your experience treating this type	
	40:9 of CNS lymphoma, is this a common occurrence where	
	40:10 the first scan doesn't catch it but a later one	
	40:11 does?	
	40:12 A. It is such a subtle abnormality. So CT	
	40:13 scan may not catch it. So that's why we'll end up	
	40:14 doing an MRI. So it is it is it happens, yes.	
	40:15 Q. Okay. It went on to say, "Follow up CT	RK4.1.0
	40:16 scan of the chest, abdomen and pelvis did not reveal	
	40:17 any primary malignancy."	
	40:18 What does that mean?	
	40:19 A. So sometimes, lymphoma presents as primary	
	40:20 CNS lymphoma where there's lymphoma involving just	
	40:21 the brain. Sometimes it presents all over the body,	
	40:22 and the brain involvement is a part of it. We treat	
	40:23 it very differently. So we do a CAT scan of the	
	40:24 body to differentiate that. So she has this	
	40:25 confirms that she has the primary CNS lymphoma.	
	41:1 Q. And why is diffuse large B-cell CNS	clear
	41:2 lymphoma treated differently than large B-cell	
	41:3 lymphoma in other parts of the body?	
	41:4 A. Because the general chemotherapy drugs	
	41:5 that we give do not penetrate the blood brain	
	41:6 barrier to go into the brain. So we'll have to	
	41:7 treat it very differently.	
	41:8 Q. Okay. So you have to use a sort of	
	41:9 special blood brain barrier penetrating drug?	
	41:10 A. Correct.	
	41:11 Q. Okay. Which one do you use that's	
	41:12 typically used?	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	 41:13 A. We usually use the high-dose methotrexate. 41:14 Q. Okay. And that's and if I recall, 41:15 that's because the low dose hasn't been proven to 41:16 effectively penetrate the blood brain barrier? 41:17 A. Correct. 	
41:25 - 42:3	 41.17 A. Correct. Raj, Kavitha 01-08-2019 (00:00:07) 41:25 Q. With regards to Mrs. Pilliod, do you 42:1 recall if there was any additional drugs used to 42:2 help get to her CNS lymphoma? 42:3 A. Yes. 	RajFINAL.31
42:4 - 42:8	 Raj, Kavitha 01-08-2019 (00:00:16) 42:4 Q. What other drugs were used? 42:5 A. She got Temodar. She also received 42:6 Rituxan. And I think I have to confirm this. I 42:7 think she also received Revlimid when I saw her last 42:8 time. 	RajFINAL.32
42:10 - 44:22	 Raj, Kavitha 01-08-2019 (00:03:04) 42:10 A. I have to look it up to be sure. Yeah. 42:11 Q. And are those three drugs you just 42:12 mentioned, are are they known to penetrate the 42:13 blood brain barrier or no? 42:14 A. They are known to be effective, but we 42:15 have to use it in a different way. 42:16 Q. Okay. 42:17 A. She received it intrathecally into the 42:18 spine, some injections. 42:19 Q. Okay. 42:20 A. To directly go into the brain. 42:21 Q. Okay. So instead of doing it through the 42:22 blood you just do it straight into the central 42:23 nerve? 	RajFINAL.33
	 42:24 A. Correct. 42:25 Q. Okay. Makes sense. All right. 43:1 "She underwent a lumbar puncture on 43:2 March 14, 2015, and cytospin preparation revealed a 43:3 predominance of small lymphocytes and monocytes 43:4 without atypical features. No evidence of malignant 43:5 cells in the CSF." 43:6 Did I read that right? 43:7 A. Yes. 	RK4.1.7

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	43:8 Q. What does that what does that mean?	
	43:9 A. So the sheath that means the fluid that	
	43:10 was removed, the cerebrospinal fluid showed a	
	43:11 predominantly small lymphocytes and monocytes.	
	43:12 Those are we saw that in excess. And we did not	
	43:13 see any other type of cancer cells. We only saw	
	43:14 those lymphocytes. That's what it means.	
	43:15 Q. Okay. And all this this history, this	
	43:16 is before she ever arrived in your office, right?	
	43:17 A. Correct.	
	43:18 Q. Okay. It goes on.	RK4.1.
	43:19 "She underwent an MRI of the brain on	
	43:20 April 6th, 2015, which showed changes favoring a	
	43:21 cellular process such as lymphoma given below ADC	
	43:22 values and mild increased perfusion surrounding the	
	43:23 fourth ventricle. No evidence of supra-" you	
	43:24 know what, maybe I should have you read this since	
	43:25 you're the doctor.	
	44:1 Why don't you read just the rest of that	
	44:2 paragraph, and I'll be able to ask you questions	
	44:3 about it. Out loud.	RK4.1.
	44:4 A. Okay.	
	44:5 "No evidence of supratentorial	
	44:6 leptomeningeal disease. Increased size of the	
	44:7 ventricle is consistent with a component of	
	44:8 obstructive hydrocephalus likely secondary to	
	44:9 increasing mass effect upon cerebral aqueduct.	
	44:10 "She underwent staging PET scan on	
	44:11 April 8, 2015, which confirmed a FDG-avid	
	44:12 multilobulated mass lesion in the right cerebellar	
	44:13 vermis crossing the midline and also another	
	44:14 hypermetabolic lesion on the floor cerebral	
	44:15 aqueduct. The lesion correlated with the brain MRI	
	44:16 findings consistent with CNS lymphoma.	
	44:17 "She underwent a brain biopsy of the	
	44:18 posterior fossa on April 9, 2015. Pathology results	
	44:19 revealed abnormal lambda monotypic B-cell population	
	44:20 expressing CD19, CD20, CD23, and CD38. Negative for	
	44:21 CD10. FISH was negative for BCL2, BCL6, and MYC.	
	44:22 All consistent with diffuse large B-cell lymphoma."	

		RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
\square	Page/Line	Source	D
	45:1 - 45:24	Raj, Kavitha 01-08-2019 (00:01:12) 45:1 So I want to ask you a few questions about 45:2 that paragraph. Can you just generally tell me what	RajFINAL.34
		 45:3 this paragraph is conveying. 45:4 A. Right. 45:5 So the earlier paragraph showed some vague 45:6 findings on the CT of the brain, and the CSF 45:7 finding's somewhat vague. It showed lymphocytes. 45:8 So we couldn't come to a definitive diagnosis there. 45:9 So we went again went ahead and ordered more 45:10 testing. 45:11 And the MRI now shows a large mass pushing 45:12 her brain to the other side and causing some 45:13 swelling of her ventricles. And also, another mass 45:14 close to the mass that we already saw. 45:15 And since we couldn't diagnose her with 45:16 the CSF analysis she went ahead and had a brain 45:17 biopsy, which showed abnormal lymphoma cells. And 45:18 we do certain special staining to see whether it's a 45:19 B-cell lymphoma, large B-cell lymphoma, or low 45:20 low grade lymphoma and all that. It was all 45:21 consistent with diffuse large B-cell lymphoma. 	clear
		45:22 Q. What is a brain biopsy?45:23 A. Getting a tissue from the brain. I	
	47:25 - 48:22	 45:25 A. detailing a disside from the brain. The second second	RajFINAL.35 RK4.1.10

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	48:14 Her double vision, her hearing loss was the same.	
	48:15 That's what it means.	
	48:16 Q. When you have a mass developing in the	
	48:17 human brain like Ms. Pilliod, can that cause brain	
	48:18 damage?	
	48:19 A. Yes.	
	48:20 Q. And is it possible for it to cause brain	
	48:21 damage that can't repair itself?	
	48:22 A. Correct.	
49:10 - 49:19	Raj, Kavitha 01-08-2019 (00:00:22)	RajFINAL.30
	49:10 Q. Okay. All right. So let's I want to	
	49:11 say just quickly down here at the last paragraph	
	49:12 in that section.	RK4.1.11
	49:13 "She also has a history of bladder cancer	
	49:14 diagnosed in 2010."	
	49:15 Did you have any any part play any	
	49:16 part in her treatment of her bladder cancer?	
	49:17 A. No.	
	49:18 Q. Okay. Is this type of bladder cancer in	
	49:19 any way associated with CNS lymphoma?	
49:21 - 49:21	Raj, Kavitha 01-08-2019 (00:00:01)	RajFINAL.37
	49:21 THE WITNESS: Not that I know of.	
49:23 - 50:17	Raj, Kavitha 01-08-2019 (00:00:44)	RajFINAL.38
	49:23 Q. Okay.	
	49:24 It goes on to say, "SP."	RK4.1.12
	49:25 What does that mean?	
	50:1 A. Status post.	
	50:2 Q. Okay.	
	50:3 "Resection and also a reexcision. She	
	50:4 denies receiving adjuvant chemotherapy or radiation	
	50:5 therapy and is followed by Dr. Schmidt."	
	50:6 What is adjuvant chemotherapy or radiation	
	50:7 there?	
	50:8 A. There are some people with a bladder	
	50:9 cancer, after a cancer is removed, they may need	
	50:10 chemotherapy to prevent it from coming back or	
	50:11 radiation therapy. She did not require it. That	
	50:12 tells me that was an early stage bladder cancer.	
	50:13 Q. Okay. And is this is one of the	
	50:14 reasons why you included this is because if she had	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	
	50:15 been exposed to radiation or chemotherapy that might	
	50:16 have actually been something that could have caused	
50.10 50.00	50:17 the lymphoma?	
50:19 - 50:20	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.39
	50:19 THE WITNESS: Yes. Chemotherapy and	
54.0 54.0	50:20 radiation can cause lymphoma.	
51:3 - 51:6	Raj, Kavitha 01-08-2019 (00:00:07)	RajFINAL.40
	51:3 Q. Okay. So if we turn the trust me, I'm	
	51:4 not going to go through this much detail with each	
	51:5 medical record. I just wanted to sort of get a	
51:15 - 52:17	51:6 framework.	RajFINAL.41
01:10 - 02:17	Raj, Kavitha 01-08-2019 (00:01:26)	RK4.2.9
	51:15 Q. Okay. And then it goes on,	1114.2.0
	51:16 "Unfortunately, she is not able to tolerate	
	51:17 high-dose methotrexate despite 50 percent dose at	
	51:18 4.5 g. And she went into acute renal failure with a	
	51:19 creatinine of 2.3, and it took almost ten days of	
	51:20 hospitalization on leucovorin" did I say that	
	51:21 right?	
	51:22 A. Leucovorin.	
	51:23 Q. Okay. Leucovorin. 51:24 "to clear her methotrexate."	
	51:25 What does that mean, Doctor? 52:1 A. So she had three rounds of chemotherapy	clear
	52:1 A. So she had three rounds of chemotherapy 52:2 with these three chemo drugs. She did have a very	
	52:3 good response. But unfortunately, methotrexate	
	52:4 causes kidney damage. That's a side effect.	
	52:5 So we gave her one 50 percent dose of	
	52:6 methotrexate. Instead of full eight-gram she has	
	52:7 gotten only 4 or 4 and a half gram. Despite that,	
	52:8 her creatinine, meaning her she went into kidney	
	52:9 failure and it took so after the methotrexate is	
	52:10 done we usually give an antidote for a few days to	
	52:11 prevent this from happening.	
	52:12 In her case typically people receive it	
	52:13 for about three to five days at the most. In her	
	52:14 case, she had to be hospitalized for ten days. And	
	52:15 we kept giving her the leucovorin to clear the	
	52:16 methotrexate. Despite that, her creatinine	
	52:17 kidney numbers stayed very high.	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
52:24 - 53:6	Raj, Kavitha 01-08-2019 (00:00:26)	RajFINAL.
	52:24 Just for the jury's sake, what is your	
	52:25 understanding of acute renal failure?	
	53:1 A. Acute renal failure means any significant	
	53:2 effect on the kidney function. When someone's	
	53:3 creatinine goes from one, which is normal, to two	
	53:4 that means they have lost more than 50 percent of	
	53:5 their kidney function. So that is a significant	
	53:6 impairment of kidney function.	
53:25 - 5 4: 1 9	Raj, Kavitha 01-08-2019 (00:00:52)	RajFINAL
	53:25 Q. Okay. It goes on to, "Discuss with her	RK4.2.1
	54:1 neurologist at Stanford. Clearly she is not a	
	54:2 candidate for further high-dose methotrexate."	
	54:3 I'll stop right there.	
	54:4 Why did why did you say that?	
	54:5 A. Because she had acute renal failure from	
	54:6 getting methotrexate. And once someone double up	
	54:7 that, they can't continue to get the same treatment	
	54:8 that will make it worse, which will make them go on	
	54:9 dialysis. So we had to stop that treatment.	
	54:10 Q. Okay.	RK4.2.1
	54:11 "We will plan to continue Temodar and	
	54:12 Rituxan with a close follow-up MRI. I will also	
	54:13 refer her to UCSF for a clinical trial using	
	54:14 intrathecal Rituxan."	
	54:15 Did I say that right?	
	54:16 A. Yeah. Intrathecal Rituxan.	
	54:17 Q. Okay. And is that the injection directly	
	54:18 into the spinal?	
	54:19 A. Yes.	
54:25 - 55:2	Raj, Kavitha 01-08-2019 (00:00:07)	RajFINAL
	54:25 Q. Okay. With regards to the intrathecal	
	55:1 Rituxan injection with Ms. Pilliod, how how would	
	55:2 that be done?	
55:5 - 55:15	Raj, Kavitha 01-08-2019 (00:00:32)	RajFINAL
	55:5 THE WITNESS: So she would go into the	clear
	55:6 hospital and an interventional radiologist who is	
	55:7 experienced in doing this type of procedures will	
	55:8 find a space between the spine and go into the	
	55:9 spinal area, the space where they're and then we	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	55:10 inject that Rituxan. And so that the Rituxan can go	
	55:11 all through the spinal cord as well as the area, the	
	55:12 space that's coating the brain.	
	55:13 So it is given through an injection into	
	55:14 the it is like a it's called a lumbar	
	55:15 puncture.	B :5000 005
55:18 - 55:19	Raj, Kavitha 01-08-2019 (00:00:03)	RajFINAL.225
	55:18 The idea of having a needle go into your	
	55:19 spine, is that a painful process?	
55:21 - 55:21	Raj, Kavitha 01-08-2019 (00:00:01)	RajFINAL.226
	55:21 THE WITNESS: It does involve some pain.	
55:23 - 55:25	Raj, Kavitha 01-08-2019 (00:00:03)	RajFINAL.47
	55:23 Q. Okay. Different than a regular injection	
	55:24 in your blood?	
	55:25 A. Correct.	
56:5 - 57:12	Raj, Kavitha 01-08-2019 (00:01:23)	RajFINAL.48
	56:5 And it goes on to say, "Lethargy/balance	RK4.2.12
	56:6 issues. She's been taken off steroids for several	
	56:7 weeks giving her worsening neurological symptoms.	
	56:8 There is concern for vasogenic edema."	
	56:9 A. Uh-huh.	
	56:10 Q. What is that?	
	56:11 A. So when there is a tumor pushing on the	
	56:12 brain, the surrounding structure of the brain, we	
	56:13 see swelling. That's called a vasogenic edema. And	
	56:14 there was a concern whether she could be developing	
	56:15 swelling around the mass.	
	56:16 So that's what it means.	
	56:17 Q. And does that sort of conflate the problem	
	56:18 in the skull when you have a mass and then swelling	
	56:19 in addition to that?	
	56:20 A. Yes, it causes the problems worse. Yeah,	
	56:21 it makes it worse.	
	56:22 Q. The next one says, "3. Depression.	RK4.2.0
	56:23 Clearly patient is very depressed from her	
	56:24 diagnosis. We discussed about poor prognosis today.	
	56:25 Will plan to start her on Effexor."	
	57:1 Did I read that right?	
	57:2 A. Uh-huh.	
	57:3 Q. Did you, in your clinical capacity,	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	 57:4 diagnose Mrs. Pilliod with depression? 57:5 A. Yes. 57:6 Q. And you said "very depressed." How 57:7 what does that mean? 57:8 A. If someone is very depressed, that means 57:9 that they have a very obviously flat effect and 57:10 their mood has been affected and their general 57:11 well-being is affected. Their appetite could be 	
57:15 - 57:25	57:12 affected.	RajFINAL.49
07.10 - 07.20	Raj, Kavitha 01-08-2019 (00:00:26)57:15Q. And you said, "We discussed about poor57:16 prognosis today."57:17 What does that mean? Or do you recall	
	57:18 what you discussed?	
	57:19 A. Primary CNS lymphoma is one of the most	
	57:20 aggressive cancers to have. And it is typically not 57:21 curable. So we discussed about that when I met her	
	57:22 in the office that day.	
	57:23 Q. And did you convey that those facts to	
	57:24 her?	
	57:25 A. Uh-huh.	
58:7 - 59:6	Raj, Kavitha 01-08-2019 (00:01:02)	RajFINAL.50
	58:7 Q. Okay. Did you do you recall if you did	
	58:8 start her on Effexor?	
	58:9 A. Yes.	
	58:10 Q. What is Effexor?	
	58:11 A. Effexor is an antidepressant.	
	58:12 Q. And is it an SNRI?	
	58:13 A. SSRI, yes, uh-huh. 58:14 Q. All right. Number 4, "AKI." What is	RK4.2.13
	58:15 that?	
	58:16 A. Acute kidney failure or kidney	
	58:17 insufficiency.	
	58:18 Q. Okay. And that's related to the high-dose	
	58:19 methotrexate?	
	58:20 A. Correct.	
	58:21 Q. Okay. And number 5, Hypertension.	
	58:22 Do you recall anything about that?	
	58:23 A. I don't recall. But looking at my	
	58:24 notes obviously I can't recall what happened in	

Page/Line	Source	ID
Page/Line	Source	טו
	58:25 2015. But looking at my notes looks like I have	
	59:1 given her clonidine and norvasc. Those are two very	
	59:2 highly effective antihypertensive medications. And	
	59:3 I see that her blood pressure was high on that day,	
	59:4 175 over 85. Yeah.	
	59:5 Q. Is high blood pressure one of the side	
	59:6 effects of a drug like Rituxan?	
59:8 - 59:9	Raj, Kavitha 01-08-2019 (00:00:05)	RajFINAL.
	59:8 THE WITNESS: High blood pressure is very	
	59:9 likely due to the acute kidney failure.	
59: 11 - 59: 1 8	Raj, Kavitha 01-08-2019 (00:00:20)	RajFINAL.
	59:11 Q. That makes sense. Okay. Okay. Great,	
	59:12 Doctor. I appreciate you going step through	
	59:13 there. I'm just going to go through the next ones	
	59:14 much quicker. I just wanted to get through all the	
	59:15 initial meeting.	
	59:16 So I'm going to hand you Exhibit Number 5.	RK5.1
	59:17 (Whereupon, Exhibit 5 was marked for	
	59:18 identification.)	
60:24 - 61 :16	Raj, Kavitha 01-08-2019 (00:00:47)	RajFINAL.
	60:24 So the record we're looking at, Exhibit 5,	RK5.1.1
	60:25 it's dated May 26, 2015.	
	61:1 Do you see that?	
	61:2 A. Uh-huh.	
	61:3 Q. And if you look at your previous record	
	61:4 this appears to be a follow-up from just a few days	
	61:5 prior when you first met with Mrs. Pilliod, right?	
	61:6 A. Yes.	
	61:7 Q. Okay. And the information here's largely	
	61:8 the same. I just wanted to turn to the second page	
	61:9 under the assessment. Well, I'll back up.	
	61:10 Based on what you can see in this record,	
	61:11 do you know what the purpose of this follow-up was?	
	61:12 A. It was probably to see her, looks like	
	61:13 within a week, to check her labs to see where her	
	61:14 kidney numbers are, where her symptoms are, and what	
	61:15 her blood numbers are. Just as a follow-up to make	
	61:16 sure that things are not getting worse.	
61:17 - 62:2	Raj, Kavitha 01-08-2019 (00:00:17)	RajFINAL.
	61:17 Q. Okay. And if you turn to the assessment	RK5.2.1

Page/Line	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court Source	ID
1		
	61:18 on page 2, there's a new one that's been added,	
	61:19 anemia.	
	61:20 Do you see that?	
	61:21 A. Uh-huh.	
	61:22 Q. What is anemia?	
	61:23 A. Anemia is low red blood cell count. It's	
	61:24 commonly seen as a side effect of chemotherapy.	
	61:25 Q. And that's what it says right here, "Due	
	62:1 to chemo." Was that your assessment?	
	62:2 A. Correct. Uh-huh.	
62:13 - 63:6	Raj, Kavitha 01-08-2019 (00:00:57)	RajFINA
	62:13 And then on the last page, number 8,	RK5.3
	62:14 "Consider for intrathecal Rituxan study UCSF."	
	62:15 A. Uh-huh.	
	62:16 Q. Do you recall what that study was?	
	62:17 A. I think it was done by Dr. Rubenstein.	clear
	62:18 He's a very he's an expert neuro-oncologist.	
	62:19 Intrathecal Rituxan is given	
	62:20 intravenously. That has been known for years. But	
	62:21 to give any large molecule into the brain, it	
	62:22 carries a risk of dying from it. So that was	
	62:23 actually done as a study in people with high risk	
	62:24 disease who cannot tolerate standard of care therapy	
	62:25 or who don't do well or progressive on standard of	
	63:1 care therapy.	
	63:2 So that's a study that was ongoing at that	
	63:3 time at UCSF.	
	63:4 Q. Do you know why injecting straight into	
	63:5 the spinal or the nervous system can cause death?	
	63:6 A. Well, I mean	
63:8 - 63:13	Raj, Kavitha 01-08-2019 (00:00:17)	RajFINA
	63:8 THE WITNESS: if you inject a foreign	
	63:9 body into the most important part of our system, it	
	63:10 can cause problems like any swelling, inflammation,	
	63:11 people can go into seizures. Brain is a part which	
	63:12 controls our breathing. Any kind of, you know,	
	63:13 problems there could make someone stop breathing.	
63:15 - 64:5	Raj, Kavitha 01-08-2019 (00:00:39)	RajFINA
	63:15 Q. At this time, in 2015, when Mrs. Pilliod	
	63:16 was presenting to you, was this the standard of	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	D
	63:17 care, this direct injection into the nervous system?	
	63:18 A. No.	
	63:19 Q. Was it experimental?	
	63:20 A. Yes.	
	63:21 Q. And why at that time were you recommending	
	63:22 this experimental treatment for Mrs. Pilliod?	
	63:23 A. Two things. One, she had a very she	
	63:24 has a very high risk disease. And we were not able	
	63:25 to deliver the standard of care treatment, which was	
	64:1 the high-dose methotrexate. Even at lower doses she	
	64:2 was having kidney failure.	
	64:3 Q. So essentially, we're talking about life	
	64:4 or death here, why not go for it?	
	64:5 A. Correct.	
64:13 - 64:15	Raj, Kavitha 01-08-2019 (00:00:01)	RajFINAL.58
	64:13 I'm handing you Exhibit 6.	RK0.1
	64:14 (Whereupon, Exhibit 6 was marked for	
04.47 04.40	64:15 identification.)	
64:17 - 64:18	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.59
	64:17 Q. This is another one of your medical	
64:22 - 64:22	64:18 records, right, Doctor?	RajFINAL.00
04.22 - 04.22	Raj, Kavitha 01-08-2019 (00:00:00)	haji inaz.oo
64:24 - 66:22	64:22 A. Yeah. Yes, it is.	RajFINAL.01
01.21 00.22	Raj, Kavitha 01-08-2019 (00:02:08)	RK0.1.1
	64:24 This is dated June 8, 2015, right? 64:25 A. Yes.	
	65:1 Q. And this is it says it's another	
	65:2 follow-up, right?	
	65:3 A. Yes.	
	65:4 Q. All right. If you turn to the last page,	RK0.2.1
	65:5 under Assessment, it has the same sort of problems	
	65:6 that we've identified in the previous medical	
	65:7 records.	
	65:8 A. Yes.	
	65:9 Q. Okay. And then it says, "Recommendation	RK0.2.2
	65:10 plan," and it says, "Proceed with dose reduced MTX."	
	65:11 Do you see that?	
	65:12 A. Yes.	
	65:13 Q. What was that?	
	65:14 A. Excuse me.	

Page/Line	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court Source	
	65:15 Q. Sure.	
	65:16 A. So between May to now, which is June 8th,	
	65:17 the decision has been made to go ahead and try the	
	65:18 dose reduced methotrexate again.	
	65:19 So that's what it means.	
	65:20 Q. Okay. And why did you want to do that, if	clea
	65:21 you can recall?	
	65:22 A. I think more like we had more chances for	
	65:23 her to safely receive the high-dose methotrexate and	
	65:24 we had knowledge, medical knowledge that it would	
	65:25 work. So we were trying to give her one more chance	
	66:1 because the kidney numbers improved from 2 point	
	66:2 something to 1.8. So we were kind of desperate to	
	66:3 give something effective.	
	66:4 Q. Now, does generally speaking, does a	
	66:5 reduced MTX dose, does it get into the CNS?	
	66:6 A. Usually it's a high dose that has more	
	66:7 penetration. But hypothetically, we think once we	
	66:8 give high dose, we have made some dent in the blood	
	66:9 brain barrier and maybe there's more chance for even	
	66:10 a lower dose to penetrate.	
	66:11 So that's a hypothetical, you know,	
	66:12 understanding. Yeah.	
	66:13 Q. And are you doing this because you're	
	66:14 really sort of don't have any options at this	
	66:15 point?	
	66:16 A. Correct. No other choice, yeah.	
	66:17 Q. And then it says, number 2, "Continue more	RK0.
	66:18 days of the" can you say that word?	
	66:19 A. Leucovorin.	
	66:20 Q. Leucovorin. And that's the stuff that	
	66:21 helps sort of antidote to that?	
	66:22 A. Correct. Yes.	
66:24 - 67:1	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINA
	66:24 I'm handing you Exhibit 7.	RK7
	66:25 (Whereupon, Exhibit 7 was marked for	
	67:1 identification.)	
67:4 - 68:1	Raj, Kavitha 01-08-2019 (00:00:59)	RajFIN
	67:4 Q. This is another one of your medical	RK7
	67:5 records, right, Doctor?	
ntiff Designations	Monsanto Designations	

_	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	67:6 A. Yes.	
	67:7 Q. Okay. And this is dated September 21st,	
	67:8 2015. Do you see that?	
	67:9 A. Yes.	
	67:10 Q. Okay. And if you look under the History	RK7.1.2
	67:11 of Present Illness, the second paragraph on the	
	67:12 first page, it says, "After cycle number 3 of MTX	
	67:13 Rituxan/Temodar, MTX is discontinued since she could	
	67:14 not tolerate high-dose methotrexate due to elevated	
	67:15 creatinine.	
	67:16 "But now that her creatinine has	
	67:17 normalized since June 2015 dose reduced methotrexate	
	67:18 was restarted on July 27, 2015. She last received	
	67:19 methotrexate on September 14th, 2015, and is SP	
	67:20 cycle number 8."	
	67:21 Did I read that right?	
	67:22 A. Yes.	
	67:23 Q. Okay. So this is sort of a flash forward	
	67:24 in time as to how she's doing even with this low	
	67:25 dose methotrexate?	
	68:1 A. Yes.	
68:2 - 69:17	Raj, Kavitha 01-08-2019 (00:01:53)	RajFINAL
	68:2 Q. Okay. And just looking at this document,	
	68:3 to the extent that you can, Doctor, how did she	
	68:4 present at this time?	
	68:5 A. I mean, I can't recall, but I have to go	
	68:6 with what I have written in my note here.	
	68:7 Q. Sure.	
	68:8 A. I see that from my notes, that she has	clear
	68:9 completed eight cycles of her treatment and she had	
	68:10 continued trouble with her balance and blurred	
	68:11 vision. I remember her wearing an eye patch for her	
	68:12 double vision for the longest time. And she I	
	68:13 have written here saying that she is getting her	
	68:14 eyeglasses tomorrow. But otherwise, looks like	
	68:15 other than that, she was doing fair.	
	68:16 Q. And then if you look at on on the	RK7.2.1
	68:17 assessment number 2	
	68:18 A. Uh-huh.	
	68:19 Q under the "lethargy/balance issues."	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	68:20 A. Uh-huh.	
	68:21 Q. It says after the first part, it says,	
	68:22 "She was started on dexamethasone."	
	68:23 A. Uh-huh.	
	68:24 Q. "Four milligrams twice a day."	
	68:25 Or is that once a day? What is BID?	
	69:1 A. BID is twice a day.	
	69:2 Q. Okay.	
	69:3 "However, there has not been any changes	
	69:4 in her symptoms."	
	69:5 What is that drug?	
	69:6 A. So we talked about the swelling around the	
	69:7 brain, and this drug can decrease the swelling if	
	69:8 the symptoms are due to the swelling. But if the	
	69:9 symptoms are due to the cancer or, like we	
	69:10 discussed, the brain, permanent brain damage caused	
	69:11 by the cancer, then their symptoms wouldn't change.	
	69:12 So we started her on steroids, but her	
	69:13 symptoms did not change. So we discontinued the	
	69:14 dexamethasone because the MRI showed an improvement	
	69:15 in the cancer, no swelling. 69:16 And then she was receiving physical	
	69:17 therapy.	
70:1 - 70:9	Raj, Kavitha 01-08-2019 (00:00:24)	RajFINA
	70:1 Q. Okay. And I see here that you still have	RK7.3
	70:2 her continuing with Effexor for depression; is that	
	70:3 right?	
	70:4 A. Looks like it.	
	70:5 Q. Okay. Great. All right.	
	70:6 I'm handing you another document,	RK8.
	70:7 Exhibit 8 to your deposition.	
	70:8 (Whereupon, Exhibit 8 was marked for	
	70:9 identification.)	
70:11 - 70:13	Raj, Kavitha 01-08-2019 (00:00:06)	RajFINA
	70:11 Q. Do you recognize this document, Doctor?	
	70:12 A. Yes. Looks like I have this is my	
	70:13 document, yes.	
71:10 - 72:19	Raj, Kavitha 01-08-2019 (00:01:33)	RajFINA
	71:10 Q. Okay. I'm just going to read you the	BIZ .
	71:11 first paragraph and hopefully not butcher it too	RK8.1
aintiff Designations	Monsanto Designations	

Page/Line	Source	ID
	71:12 much.	
	71:13 "This is a 72-year-old-female with a	
	71:14 history of bladder cancer and history of diffuse	
	71:15 large B-cell CNS lymphoma here for follow-up. I was	
	71:16 asked to see her to discuss treatment options while	
	71:17 waiting for UCSF consultant for evaluation for	
	71:18 clinical trial due to disease progression on recent	
	71:19 MRI.	
	71:20 "At this time, she reports they are unable	
	71:21 to see her for four weeks and she is concerned about	
	71:22 disease progression. She completed last dose of	
	71:23 Temodar on February 1st, 2016.	
	71:24 "She has ongoing trouble with balance and	
	71:25 blurred vision which is stable but no longer	
	72:1 requires the assistance of a walker. She continues	
	72:2 to have some dizziness unchanged from before. No	
	72:3 headaches or nausea. Otherwise, she feels well	
	72:4 today. Her energy level is improving. No shortness	
	72:5 of breath or chest pain. No abdominal pain. No	
	72:6 lower extremity swelling. She is accompanied by her	
	72:7 husband."	
	72:8 Did I read that right?	
	72:9 A. Yes.	
	72:10 Q. Based on this record, what did you	
	72:11 understand she was presenting with on August 11,	
	72:12 2016?	
	72:13 A. So based on this, it looks like she had	
	72:14 been off of treatment for about six months but looks	
	72:15 like the MRI showed that the cancer was getting	
	72:16 worse. And she was waiting to be seen by the UCSF	
	72:17 expert doctor and looks like she called in and 72:18 asked asked us to see her to see what could be	
	72:19 done in between.	
73:8 - 74:19	Raj, Kavitha 01-08-2019 (00:01:43)	RajFINAL
	73:8 And it says here in this first paragraph	RK8.1.4
	73:9 that, "She's still presenting with dizziness and	
	73:10 blurred vision."	
	73:11 Do you see that?	
	73:12 A. Yes.	
	73:13 Q. And this is over a year from the	

-	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	73:14 previous the initial consult?	
	73:15 A. Right.	
	73:16 Q. And is it your understanding that her	
	73:17 neurological problems didn't were still present	
	73:18 as of August 11, 2016?	
	73:19 A. Yes.	
	73:20 Q. Okay. At the time that you were treating	
	73:21 her in 2016, did you have any opinions about the	
	73:22 cause of those neurological problems?	
	73:23 A. Or the cause that we we concluded, the	
	73:24 cause of the neurologic problems were due to	
	73:25 permanent damage to the brain because of the cancer	
	74:1 that she had in those areas.	
	74:2 Q. Okay. If you turn to the second page	RK8.2
	74:3 under Assessment, "Diffuse large B-cell CNS	
	74:4 lymphoma. Repeat MRI brain July 31st, 2016. Shows	
	74:5 two new abnormal enhancing lesions in the right	
	74:6 lateral ventricle, 5 by 5 by 6 millimeters and right	
	74:7 periventricular white matter, 6 by 8 by 9	
	74:8 millimeters. Concerning for disease recurrence in	
	74:9 this patient with prior history of CNS lymphoma."	
	74:10 What does that mean?	
	74:11 A. That means the MRI shows two new areas of	
	74:12 cancer growth that are concerning obviously for	
	74:13 cancer to have come back.	
	74:14 Q. Okay. If you look at the bottom, it still	
	74:15 mentions lethargy and balance issues.	
	74:16 Do you see that?	
	74:17 A. Yes.	
	74:18 Q. And it also still has depression there.	
	74:19 A. Yes.	
75:5 - 75:7	Raj, Kavitha 01-08-2019 (00:00:01)	RajFINA
	75:5 Q. Okay. I'm handing you another document.	RK9.
	75:6 (Whereupon, Exhibit 9 was marked for	
	75:7 identification.)	
76:4 - 76:19	Raj, Kavitha 01-08-2019 (00:00:39)	RajFINA
	76:4 Q. All right. So this is a follow-up, and	RK9.1
	76:5 this is now March 9th, 2017.	
	76:6 Do you see that?	
	76:7 A. Uh-huh. Uh-huh.	
intiff Designations	Monsanto Designations	Page 25/8

Page/Line	Source	ID
-		
	76:8 Q. I'm sorry, I need a "yes."	
	76:9 A. Yes. Sorry.	
	76:10 Q. Yeah. All right.	
	76:11 History of Present Illness. "This is a	RK9.1.
	76:12 17-" "72-year-old-female with a history of	
	76:13 bladder cancer and history of diffuse large B-cell	
	76:14 CNS lymphoma here for a follow-up. She was treated	
	76:15 at UCSF with MTR in October of 2016. She was	
	76:16 started on consolidation with" do you know what	
	76:17 that is?	
	76:18 A. Yeah. Etoposide and cytarabine. Those	
	76:19 are chemotherapy drugs.	
76:20 - 76:24	Raj, Kavitha 01-08-2019 (00:00:15)	RajFINAL
	76:20 Q. Okay. So February 4th, 2017, she reports	
	76:21 that, "MRI in 2017 was normal. Upon completion of	
	76:22 treatment, she was hospitalized due to severe	
	76:23 neutropenia."	
	76:24 A. Neutropenia.	
76:25 - 77:21	Raj, Kavitha 01-08-2019 (00:00:42)	RajFINAL
	76:25 Q. Neutropenia.	
	77:1 What are those the second one?	
	77:2 A. Pyelonephritis. That's kidney infection.	
	77:3 Q. And pneumonia?	
	77:4 A. Yes.	
	77:5 Q. Are all three of those types of infection?	
	77:6 A. Neutropenia is low blood count, severely	
	77:7 low blood count that puts people at a very	
	77:8 immunocompromised state due to the chemotherapy that	
	77:9 has resulted in the kidney infection and pneumonia	
	77:10 likely.	
	77:11 Q. Okay. So based on this, she had these	
	77:12 infections and these low blood counts and that's why	
	77:13 she was hospitalized; is that right?	
	77:14 A. Yes.	
	77:15 Q. And that was in response to the the	
	77:16 chemotherapy she was receiving?	
	77:17 A. Yes.	
	77:18 Q. Based on your experience, was the	
	77:19 chemotherapy she was receiving, was that pretty	
	77:20 intense chemotherapy?	

Page/Line	Source	ID
-		
	77:21 A. Very intense.	
78:16 - 79:3	Raj, Kavitha 01-08-2019 (00:00:47)	RajFINAL
	78:16 Q. Okay. So based on what you reviewed here,	clear
	78:17 how did she present on March 9th, 2017?	
	78:18 A. So she was mostly treated at UCSF because	
	78:19 she looks like, from the notes that we have reviewed	
	78:20 earlier, she ended up having recurrent disease and	
	78:21 she ended up requiring a very heavy duty, high dose	
	78:22 chemotherapy drug and that resulted in some	
	78:23 complications and infections and then hospitalized	
	78:24 for that.	
	78:25 And she was weak so she went to a rehab	
	79:1 facility to get stronger. And then she looks like	
	79:2 she was discharged from that and recovering from all	
79:9 - 80:2	79:3 of that hospitalization and illness.	RajFINAI
79:9 - 80:2	Raj, Kavitha 01-08-2019 (00:00:47)	Rajrina
	79:9 Q. And again, she still has depression.	
	79:10 Do you see that?	
	79:11 A. Yes.	RK9.3
	79:12 Q. On the next page.	
	79:13 Doctor, the depression, do you know do	
	79:14 you have a since you're the one who diagnosed	
	79:15 her, do you believe you know what the cause of her 79:16 depression was?	
	79:17 A. The cause of the depression is very likely	
	79:18 having a very serious cancer. In addition to going	
	79:19 through all of this very aggressive treatment	
	79:20 that's that's making her feel, you know, tired	
	79:21 and have a lot of other side effects and	
	79:22 complications. So it's all multifactorial together.	
	79:23 Q. Do you know or have any opinion whether	clear
	79:24 the depression in any way was associated with any	
	79:25 brain damage she may have received?	
	80:1 A. Brain damage does increase the risk of	
	80:2 depression in people.	
80:23 - 8 1 :7	Raj, Kavitha 01-08-2019 (00:00:19)	RajFINAI
	80:23 Q. And did are you still treating	
	80:24 Mrs. Pilliod?	
	80:25 A. I am not the primary treating physician.	
	81:1 Q. Okay. Do you still see her, though?	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	81:2 A. I can't remember when was the last time I	
	81:3 had seen her. I it feels like it's been a while,	
	81:4 but I have seen her, yes.	
	81:5 Q. Okay. And you understand Mrs. Pilliod's	
	81:6 alive right now?	
81:8 - 81:11	81:7 A. Yes, I know that.	RajFINAL.229
01.0-01.11	Raj, Kavitha 01-08-2019 (00:00:07)	
	81:8 Q. When she first presented with her CNS	
	81:9 lymphoma in 2015, did you think she'd be alive	
	81:10 today? 81:11 A. No.	
83:6 - 84:17	Raj, Kavitha 01-08-2019 (00:01:23)	RajFINAL.70
00.0 01.17		
	83:6 But starting with an overview, it's my 83:7 understanding that you, yourself, did not actually	
	83:8 diagnose Ms. Pilliod with her CNS lymphoma; is that	
	83:9 right?	
	83:10 A. Correct.	
	83:11 Q. She was originally diagnosed at Stanford	
	83:12 in Palo Alto and then came to you when she was	
	83:13 already started treatment; is that right?	
	83:14 A. Correct.	
	83:15 Q. And I understand that you started treating	
	83:16 her, from the records, in about May of 2015; is that	
	83:17 right?	
	83:18 A. Correct.	
	83:19 Q. And she was already receiving some	
	83:20 high-dose methotrexate and other chemotherapy drugs	
	83:21 at the time she came to you?	
	83:22 A. Yes, she looks like she had received two	
	83:23 cycles of high-dose methotrexate before I had seen	
	83:24 her.	
	83:25 Q. And you were treating, based on your	
	84:1 records, Ms. Pilliod in conjunction with other	
	84:2 physicians at both Stanford and UCSF; is that right?	
	84:3 A. Correct.	
	84:4 Q. All right. And my understanding is	
	84:5 Dr. Gupta is at Stanford, yes?	
	84:6 A. Yes.	
	84:7 Q. And Dr. Rubenstein is at UCSF?	
	84:8 A. Correct.	

Page/Line	Source	ID
	84:9 Q. All right. And is it your understanding	
	84:10 that both of those gentlemen have specialties in the	
	84:11 type of cancer that she actually had, which is the	
	84:12 CNS lymphoma?	
	84:13 A. Correct.	
	84:14 Q. And is it your understanding that she is	
	84:15 still; that is, Ms. Pilliod, is still followed by	
	84:16 Dr. Rubenstein at UCSF?	
	84:17 A. Correct.	
85:1 - 85:3	Raj, Kavitha 01-08-2019 (00:00:04)	RajFINAL
	85:1 Q. But in terms of the imaging, her brain had	
	85:2 normalized?	
	85:3 A. Correct.	
87:8 - 87:12	Raj, Kavitha 01-08-2019 (00:00:11)	RajFINAL
	87:8 Q. All right. And in terms of where you	
	87:9 practice now, where we are today, it's Valley	
	87:10 Medical Oncology Consultants that's affiliated with	
	87:11 Stanford Health; is that right?	
	87:12 A. Correct.	
89:12 - 89:14	Raj, Kavitha 01-08-2019 (00:00:07)	RajFINAL
	89:12 Q. All right. And are there benefits to your	
	89:13 patients here in Pleasanton of being affiliated with	
	89:14 a larger network of Stanford Health Care?	
89:16 - 90:2	Raj, Kavitha 01-08-2019 (00:00:34)	RajFINAL
	89:16 THE WITNESS: Of course, yes.	
	89:17 BY MR. TOMASELLI:	
	89:18 Q. And what are those, in your mind, in your	
	89:19 own mind, as you treat patients?	
	89:20 A. Well, most of the patients in this country	
	89:21 are treated in a community facility, community	
	89:22 oncology facility like this, about 85 percent of	
	89:23 patients. Not everybody can access university care	
	89:24 directly. So we are very excited to provide the	
	89:25 academic level care in our community and able to	
	90:1 communicate better with people who have some special	
00.11 01.5	90:2 expertise and access to clinical trials.	DaiEINA
90:11 - 91:5	Raj, Kavitha 01-08-2019 (00:01:03)	RajFINAI
	90:11 Q. Okay. And how many patients do you think	
	90:12 you've treated in your time for non-Hodgkin's	
	90:13 lymphoma? And that's all the different subtypes.	

90:14 A. I don't think I can give a number, but it 90:15 is a pretty common type of cancer. It's not that 90:16 rare. So it is it is a common type of cancer. 90:17 Q. Hundreds maybe? 90:18 A. Like several hundreds. Definitely more 90:19 than a hundred. 90:20 Q. Okay. And and in your treatment of 90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 are type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very tare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:18 treatment, like it says here in the website? 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I - I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:01) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:5 Raj, Cavitha 01-08-2019 (00:00:05:4) 98:10 - 99:5 Raj, Cavitha 01-08-2019 (00:00:05:4) 98:10 - 99:5 Raj, Cavitha 01-08-2019 (00:00:05:4) 98:10 - 99:5 Raj, Kavitha 01-08-	Page/Line	Source	ID
90:15 is a pretty common type of cancer. It's not that 90:16 rare. So it is it is a common type of cancer. 90:17 Q. Hundreds maybe? 90:18 A. Like several hundreds. Definitely more 90:19 than a hundred. 90:20 Q. Okay. And and in your treatment of 90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 90:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of			
90:16 rare. So it is it is a common type of cancer. 90:17 Q. Hundreds maybe? 90:18 A. Like several hundreds. Definitely more 90:19 than a hundred. 90:20 Q. Okay. And and in your treatment of 90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 O. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't hink she had any 96:22 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she din't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:10 - 90:6 Raj, Kavitha 01-08-2019 (00:00:054) 98:10 - 90:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 - 90:6		90:14 A. I don't think I can give a number, but it	
90:17 Q. Hundreds maybe? 90:18 A. Like several hundreds. Definitely more 90:19 than a hundred. 90:20 Q. Okay. And and in your treatment of 90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) RajFl 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) RajFl 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:054) RajFl		90:15 is a pretty common type of cancer. It's not that	
90:18 A. Like several hundreds. Definitely more 90:19 than a hundred. 90:20 Q. Okay. And and in your treatment of 90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:01) 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:04) 96:21 applies to her because I don't think this 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4<		90:16 rare. So it is it is a common type of cancer.	
90:19 than a hundred. 90:20 Q. Okay. And and in your treatment of 90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 Q. But in terms of your care and treatment of 96:14 Ms. Pilliod, did you agree and did you recognize 96:15 Ist at a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 96:21 96:20 THE WITNESS: 1 I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 - 0		90:17 Q. Hundreds maybe?	
90:20 Q. Okay. And and in your treatment of 90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 Ihat - that a risk factor for non-Hodgkin's 96:16 Iymphoma is when the immune system is weakened 96:20 96:17 because of something or because of a various 96:20 Haj, Kavitha 01-08-2019 (00:00:11) Rai/Fi 96:20 Haj, Kavitha 01-08-2019 (00:00:14) Rai/Fi 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) Rai/Fi 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) Rai/Fi 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) Rai/Fi 97:2 - 97:4		90:18 A. Like several hundreds. Definitely more	
90:21 your patients, do you consider non-Hodgkin's 90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: 1 I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 Q. And does that appear to you to be one of		90:19 than a hundred.	
90:22 lymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) RajFi 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? 86:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) RajFi 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - Q. And does that appear to you to be one of		90:20 Q. Okay. And and in your treatment of	
90:22 jymphoma just one disease and treat them all the 90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) RajFi 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? 86:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) RajFi 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - Q. And does that appear to you to be one of		90:21 your patients, do you consider non-Hodgkin's	
90:23 same? 90:24 A. Not really. 90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 - 1m going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - Q. And does that appear to you to be one of			
90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: 1 I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 97:2 - 97:4			
90:25 Q. And approximately how many patients have 91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: 1 I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 97:2 - 97:4		90:24 A. Not really.	
91:1 you treated for primary CNS lymphoma? 91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) PajFi 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) PajFi 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) PajFi 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) PajFi 97:2 - Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) PajFi 98:5 - 1'm going to hand you what I've marked as 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) PajFi 98:10 - Q. And does that appear to you to be one of		-	
91:2 A. Handful. 91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:21 applies to her because I don't think she had any 96:22 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) <tr< td=""><td></td><td></td><td></td></tr<>			
91:3 Q. And is that because that's a relatively 91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:4 A. Correct. 98:5 - 98:6 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 98:5 - 1'm going to hand you what I've marked as 8* 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFi			
91:4 rare type of non-Hodgkin's lymphoma? 91:5 A. Yes, it is a very rare type. 96:13 - 96:18 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of			
91:5 A. Yes, it is a very rare type. 96:13 - 96:18 Raj, Kavitha 01-08-2019 (00:00:18) RajFl 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) RajFl 96:20 THE WITNESS: 1 I don't think this 96:22 kind of an immune disease that weakened her immune 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFl 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFl 98:10 - 99:6 Raj, Kav		-	
 96:13 - 96:18 Paj, Kavitha 01-08-2019 (00:00:18) 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? PajFI 96:20 - 96:23 Paj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Paj, Kavitha 01-08-2019 (00:00:04) P7:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Paj, Kavitha 01-08-2019 (00:00:04) PaiFI 98:5 - 98:6 Paj, Kavitha 01-08-2019 (00:00:54) P8:10 - 99:6 Paj, Kavitha 01-08-2019 (00:00:54) P8:10 Q. And does that appear to you to be one of 			
 96:13 Q. But in terms of your care and treatment of 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? 96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: 1 I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of 	96:13 - 96:18		RajFINA
 96:14 Mrs. Pilliod, did you agree and did you recognize 96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? 96:20 - 96:23 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 98:5 I'm going to hand you what I've marked as 98:10 - 99:6 98:10 Q. And does that appear to you to be one of 			
96:15 that that a risk factor for non-Hodgkin's 96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of		-	
96:16 lymphoma is when the immune system is weakened 96:17 because of something or because of a various 96:18 treatment, like it says here in the website? Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 88:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of			
96:17 because of something or because of a various 96:18 treatment, like it says here in the website? Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: 1 I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 88:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of		-	
96:20 - 96:23 Raj, Kavitha 01-08-2019 (00:00:11) 96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of			
96:20 - 96:23Raj, Kavitha 01-08-2019 (00:00:11)RajFl96:20 THE WITNESS: I I don't think this96:20 THE WITNESS: I I don't think she had any96:21 applies to her because I don't think she had any96:22 kind of an immune disease that weakened her immune96:23 system that predisposed her to get the lymphoma.97:2 - 97:497:2 - 97:4Raj, Kavitha 01-08-2019 (00:00:04)RajFl97:2 Q. At least she didn't you're not aware of97:3 any autoimmune disease that she had?98:5 - 98:6Raj, Kavitha 01-08-2019 (00:00:04)RajFl98:5 - 98:6Raj, Kavitha 01-08-2019 (00:00:04)RajFl98:10 - 99:6Raj, Kavitha 01-08-2019 (00:00:54)RajFl98:10 - 99:6Raj, Kavitha 01-08-2019 (00:00:54)RajFl		-	
96:20 THE WITNESS: I I don't think this 96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of	96:20 - 96:23	•	RajFINA
96:21 applies to her because I don't think she had any 96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFl			
96:22 kind of an immune disease that weakened her immune 96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of			
96:23 system that predisposed her to get the lymphoma. 97:2 - 97:4 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFl 98:10 Q. And does that appear to you to be one of			
97:2 - 97:4Raj, Kavitha 01-08-2019 (00:00:04)RajFl97:2Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had?97:497:4A. Correct.98:5 - 98:6Raj, Kavitha 01-08-2019 (00:00:04)RajFl98:5 - 98:6Raj, Kavitha 01-08-2019 (00:00:04)RajFl98:5 - 98:6Raj, Kavitha 01-08-2019 (00:00:54)PaiFl98:10 - 99:6Raj, Kavitha 01-08-2019 (00:00:54)RajFl98:10 Q. And does that appear to you to be one ofPaiFl			
97:2 Q. At least she didn't you're not aware of 97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of	97:2 - 97:4		RajFINA
97:3 any autoimmune disease that she had? 97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of			_
97:4 A. Correct. 98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFi 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFi 98:10 Q. And does that appear to you to be one of RajFi		•	
98:5 - 98:6 Raj, Kavitha 01-08-2019 (00:00:04) RajFl 98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFl 98:10 Q. And does that appear to you to be one of RajFl		-	
98:5 I'm going to hand you what I've marked as 98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) 98:10 Q. And does that appear to you to be one of	98:5 - 98:6		RajFINA
98:6 Exhibit Number 13. 98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFl 98:10 Q. And does that appear to you to be one of RajFl			RK13
98:10 - 99:6 Raj, Kavitha 01-08-2019 (00:00:54) RajFl 98:10 Q. And does that appear to you to be one of Pair Pair Pair Pair Pair Pair Pair Pair			
98:10 Q. And does that appear to you to be one of	98.10 - 00.6		RajFINA
So. IT your records related to IVIIS. FIIIIOU?			RK13.
98:12 A. Yes.		-	

Page/Line	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court Source	ID
r uge/Ente	Course	10
	98:13 Q. And the date on this is December the 20th	
	98:14 of 2017, right?	
	98:15 A. Yes.	
	98:16 Q. And so that's about a year ago?	
	98:17 A. Yes.	
	98:18 Q. And I think this is your last note related	
	98:19 to Mrs. Pilliod in your records. But do you recall	
	98:20 seeing her as a patient anytime since December of	
	98:21 last year, or even two years ago now?	
	98:22 A. I I mean, if this is the last note,	
	98:23 then that's the last time I have seen her. I don't	
	98:24 remember seeing her in the recent past.	
	98:25 Q. Okay. And just to, again, follow up on a	
	99:1 few things, in the History of Present Illness at	RK13.1
	99:2 the at the top of the page, it talks about the	
	99:3 fact that she's 73 and she had a history of bladder	
	99:4 cancer.	
	99:5 Do you see that?	
	99:6 A. Yes.	
99:16 - 100:3	Raj, Kavitha 01-08-2019 (00:00:26)	RajFINA
	99:16 Q. So she had a personal history of cancer,	
	99:17 of bladder cancer prior to you ever seeing her; is	
	99:18 that right?	
	99:19 A. Correct.	
	99:20 Q. "Yes"?	
	99:21 A. Yes.	
	99:22 Q. Okay. And is that an important is that	clear
	99:23 an important thing to know for your care and	
	99:24 treatment?	
	99:25 A. It is important to know the history,	
	100:1 especially if they had any exposure to radiation and	
	100:2 chemotherapy, like stated in that risk factor.	
100.1.100.10	100:3 So it is important, yes.	
100:4 - 100:12	Raj, Kavitha 01-08-2019 (00:00:16)	RajFINA
	100:4 Q. And do you know what how she was	
	100:5 treated for that bladder cancer in 2010?	
	100:6 A. From looking through my previous note that	
	100:7 we had reviewed earlier, it looks like she had	
	100:8 surgery for that.	
	100:9 Q. Were you aware that she also had BCG	
intiff Designations	Monsanto Designations	Page 31/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	100:10 therapy?	
	100:10 merapy? 100:11 A. That's a very typical way of treating,	
	100:12 yes.	
100:13 - 100:18	Raj, Kavitha 01-08-2019 (00:00:19)	RajFINAL.89
	100:13 Q. Is BCG therapy a type of immunotherapy?	
	100:14 A. I'm not the doctor who usually administers	
	100:15 the therapy so I don't want to answer a lot of	
	100:16 questions on that. It is it is kind of a	
	100:17 vaccination type of therapy. It's similar to that,	
	100:18 yes.	
101:9 - 101:13	Raj, Kavitha 01-08-2019 (00:00:13)	RajFINAL.90
	101:9 Q. And in terms of the neurologic symptoms of	
	101:10 primary CNS lymphoma, are those generally different	
	101:11 from the symptoms you might expect with a systemic	
	101:12 diffuse large B-cell lymphoma?	
	101:13 A. Yes.	
101:18 - 102:3	Raj, Kavitha 01-08-2019 (00:00:20)	RajFINAL.91
	101:18 Q. And I I thought we established that she	RK13.1.3
	101:19 had some neurologic symptoms when she presented,	
	101:20 like walking instability and double vision and some	
	101:21 vertigo and some headaches.	
	101:22 Do you recall that?	
	101:23 A. Yes.	
	101:24 Q. And my question to you is, in in the	
	101:25 care and treatment of her with those neurologic	
	102:1 symptoms, those are related to the primary CNS 102:2 lymphoma; is that right?	
	102:3 A. Correct.	
102:13 - 102:24	Raj, Kavitha 01-08-2019 (00:00:40)	RajFINAL.92
	102:13 Q. Okay. And in terms of in terms of	clear
	102:14 Mrs. Pilliod's age when she came to you, she was	
	102:15 about 70 years old; is that right?	
	102:16 A. Yes.	
	102:17 Q. And to put that into perspective, is it	
	102:18 unusual, in your experience, to be diagnosed with a	
	102:19 primary CNS lymphoma when you're 70 years old?	
	102:20 A. It's such a rare disease, so I really	
	102:21 don't think we have established what is the very	
	102:22 common age and all that. Lymphoma, typically, is a	
	102:23 disease of people who are a little older, not like	
N		

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	102:24 Leukemia where we see in the 20s and 30s.	
103:3 - 103:9	Raj, Kavitha 01-08-2019 (00:00:16)	RajFINAL.93
	103:3 Q. I think you said previously that I	
	103:4 think you looked at some records and you said that	
	103:5 Mrs. Pilliod was not predisposed, you said, to	
	103:6 lymphoma based on the fact that she did not have	
	103:7 chemotherapy or radiation with her bladder cancer.	
	103:8 Do you remember that?	
100-10 100-5	103:9 A. Right. Correct.	De:EINAL 04
103:10 - 106:5	Raj, Kavitha 01-08-2019 (00:03:06)	RajFINAL.94
	103:10 Q. And and is it common, in your	
	103:11 experience, for persons with non-Hodgkin's lymphoma	
	103:12 to be older and that age be about the only thing	
	103:13 they have and not be, you know, subjected to prior	
	103:14 radiation or chemotherapy?	
	103:15 A. Correct. Most of the times they don't	
	103:16 have a risk factor. In some people we may be able	
	103:17 to identify a risk factor.	
	103:18 Q. Okay. And then you in your note here,	
	103:19 in December the 20th of 2017, the last time you saw	RK13.1.4
	103:20 her, you go and and you talk about her	RK 13.1.4
	103:21 presentation and the fact that she had an MRI of the	
	103:22 brain in April and then she was followed up with	
	103:23 a a PET scan and then she was followed up with a	
	103:24 brain biopsy.	
	103:25 Do you see all that?	
	104:1 A. Yes.	
	104:2 Q. And all of those imaging and testing and	
	104:3 biopsy were consistent, it says, with a primary CNS	
	104:4 lymphoma; is that right?	
	104:5 A. Yes.	
	104:6 Q. And does that include all of the pathology	
	104:7 results that are discussed at the bottom of that	
	104:8 fourth paragraph down there?	
	104:9 A. Yes.	clear
	104:10 Q. All right. And was there anything in the	Citai
	104:11 biopsy or histopathology and and is	
	104:12 histopathology just the staining and the where	
	104:13 you put the tissue on the pieces of glass; is that	
	104:14 right?	

Monsanto Designations

Source

104:15 A. Yes. Uh-huh.
104:16 Q. Okay. Was there anything in the biopsy or
104:17 the slides, the histopathology, that suggested to
104:18 you that any use of Roundup or a pesticide was
104:19 related to her cancer in any way?
104:20 A. I don't think you can actually know that
104:21 by testing the lymphoma cells or cancer cells. You
104:22 can't say that.
104:23 Q. Okay. So they're so truly, there's
104:24 nothing in that pathology or histopathology that
104:25 would lead you to that conclusion?
105:1 A. I don't think we I don't think it's
105:2 possible to know that just based on looking at the
105:3 cancer cells under the microscope that what
105:4 caused it. We can only diagnose what it is. I
105:5 don't think we can tell from looking at the cells
105:6 that this is what had caused their cancer.
105:7 Q. Okay. And is that also true for the
105:8 imaging and testing that she received, the the
105:9 CTs and the MRIs and the PET scan, that there's
105:10 nothing in any of those imaging tests that would
105:11 suggest to you that Roundup, any use of Roundup or a
105:12 pesticide was the specific cause of her cancer?
105:13 A. So even if someone had received
105:14 chemotherapy or radiation and they developed
105:15 lymphoma we can only say that it is a possible
105:16 factor. We cannot say for sure.
105:17 Q. Right. The imaging, the biopsies, the
105:18 histopathology, there's no pathological marker in
105:19 any of those for the cause of a disease, or the
105:20 cause of a particular primary CNS lymphoma; is that
105:21 right?
105:22 A. Correct, not that I know of.
105:23 Q. All right. And likewise, you performed
105:24 physical exams on Mrs. Pilliod, right?
105:25 A. Yes.
106:1 Q. Every time you saw her, true?
106:2 A. Yes.
106:3 Q. All right. And that's very typical,
106:4 right?

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	106:5 A. Yes.	
106:6 - 106:15	Raj, Kavitha 01-08-2019 (00:00:31)	RajFINAL.95
	106:6 Q. And was there anything in any physical	
	106:7 exam that you ever did that suggested to you an	
	106:8 exact cause of her primary CNS lymphoma?	
	106:9 A. So I was treating her cancer. I was not	
	106:10 trying to find a cause of her cancer. And I really	
	106:11 don't think there are any physical exams pertinent	
	106:12 or I'm not like a toxicologist or chemist to look at	
	106:13 all that. So I wasn't doing any tests to look at	
	106:14 that. Other than that's when I I was doing	
	106:15 general physical exam, yes.	
106:21 - 107:12	Raj, Kavitha 01-08-2019 (00:00:51)	RajFINAL.9
	106:21 Q. And I just wanted to confirm that there	
	106:22 was knowing in all those 13 exams that you did	
	106:23 repeatedly with a physical exam that told you or led	
	106:24 you in any way to believe exactly what may have	
	106:25 contributed to her primary CNS lymphoma, right?	
	107:1 A. Correct.	
	107:2 Q. All right. And you talked about the fact	
	107:3 that the first time she was treated in the summer of	
	107:4 2015 she was treated with a high-dose methotrexate?	
	107:5 A. Yes.	
	107:6 Q. Along with a couple of other chemotherapy	
	107:7 drugs; is that right?	
	107:8 A. Yes.	
	107:9 Q. And is high-dose methotrexate, is that	
	107:10 like for Mrs. Pilliod, is that the standard	
	107:11 chemotherapy for primary CNS lymphoma?	
	107:12 A. Yes, it is.	
07:13 - 107:21	Raj, Kavitha 01-08-2019 (00:00:29)	RajFINAL.
	107:13 Q. And did you consider, when she came to you	
	107:14 in May of 2015, prescribing a different chemotherapy	
	107:15 regimen of any sort?	
	107:16 A. This is a rare cancer, and we do not have	
	107:17 a lot of treatment options. It's essentially the	
	107:18 only treatment option that we have. So other than	
	107:19 experimental clinical trial approaches, there's not	
	107:20 like any standard of care treatment that's available	
	107:21 for primary CNS lymphoma.	

Page 35/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
107:22 - 108:2	Raj, Kavitha 01-08-2019 (00:00:13)	RajFINAL.98
	107:22 Q. And the note goes on to say and you	-
	107:23 talked to plaintiffs' counsel about the fact that	
	107:24 during that treatment of the first time with the	
	107:25 high-dose methotrexate that she had some acute	
	108:1 kidney injury; is that right?	
	108:2 A. Yes.	
108:3 - 108:10	Raj, Kavitha 01-08-2019 (00:00:19)	RajFINAL.99
	108:3 Q. All right. And you were able to see that	
	108:4 and the doctors were able to see that based on her	
	108:5 increase in her creatinine level?	
	108:6 A. Correct.	
	108:7 Q. And is an increase in creatinine, is that	
	108:8 a well understood potential side effect of the	
	108:9 high-dose methotrexate therapy?	
	108:10 A. Yes, it is.	
109:9 - 109:23	Raj, Kavitha 01-08-2019 (00:00:35)	RajFINAL.100
	109:9 Q. Okay. And in terms of what you said,	
	109:10 today her kidney function is normal, true?	
	109:11 A. At least when I saw her December 2017.	
	109:12 Q. The last time you saw her, about a year	
	109:13 ago, her kidney function was normal?	
	109:14 A. Correct.	
	109:15 Q. And the the notes that you have don't	
	109:16 indicate any permanent kidney damage as a result of	
	109:17 her acute her acute injury in 2015; is that	
	109:18 right?	
	109:19 A. Correct.	
	109:20 Q. And I think you may have discussed this	
	109:21 with counsel, but you're not aware that she ever had	
	109:22 to get dialysis or anything like that, right?	
110:16 - 112:1	109:23 A. I don't think so.	RajFINAL.102
110.10 - 112.1	Raj, Kavitha 01-08-2019 (00:01:36)	
	110:16 Q. At the bottom of your note from December	
	110:17 the 20th, 2017 which is Exhibit 13; is that	
	110:18 right? 110:19 A. Uh-huh. Yes.	
	110:20 Q you have a summary of your care and	
	110:20 G you have a summary of your care and 110:21 treatment of Mrs. Pilliod that you worked with the	
	110:22 other physicians at Stanford; is that right?	
	1 10.22 other physicians at Stanioru, is that right?	
l l		
Page/Line	Source	ID
-----------------------	--	------------
	110:23 A. Yes.	
	110:24 Q. And it starts off with being diagnosed	RK13.1
	110:25 with CNS lymphoma, starting the high-dose	
	111:1 methotrexate, pausing because of the acute renal	
	111:2 failure, like you just said, restarting that	
	111:3 high-dose methotrexate, and then completing the	
	111:4 treatment, that first treatment in around	
	111:5 September of 2015; is that right?	
	111:6 A. Yes.	
	111:7 Q. All right. And the third line there in	
	111:8 the summary section that's bolded, it says, "Five	RK13.1
	111:9 additional cycles with methotrexate, with dose	
	111:10 reduction, plus Rituxan and Temodar."	
	111:11 Do you see that?	
	111:12 A. Yes.	
	111:13 Q. And then it says, "CR."	
	111:14 Do you see that?	
	111:15 A. Yes.	
	111:16 Q. What is CR?	
	111:17 A. Meaning she went into complete remission.	
	111:18 Q. Okay. And is that complete remission that	
	111:19 she went into in September of '15, is that based on 111:20 her brain imaging?	
	111:21 A. Correct.	
	111:22 Q. All right. And describe for me, when you	clear
	111:23 take an MRI of the brain, those abnormalities that	
	111:24 you talked about with counsel in April, they were	
	111:25 gone?	
	112:1 A. Correct.	
112:10 - 112:17	Raj, Kavitha 01-08-2019 (00:00:15)	RajFINAL
	112:10 Q. And as you discussed with counsel, she had	
	112:11 a recurrence in	
	112:12 A. Uh-huh.	
	112:13 Q July of 2016; is that right?	
	112:14 A. Yes.	
	112:15 Q. That was about about ten months or so	
	112:16 after her complete remission?	
	112:17 A. Correct.	
112:25 - 113:24	Raj, Kavitha 01-08-2019 (00:00:57)	RajFINAL
	112:25 Q. Is it uncommon for primary CNS lymphoma	
laintiff Designations	Monsanto Designations	Page 37/80

Bogo/Lipo	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	113:1 patients to have a recurrence?	
	113:2 A. It's	
	113:3 Q. In your experience?	
	113:4 A. It's not uncommon. It's very common.	
	113:5 Q. Your notes then go on at the summary to	
	113:6 say that she was further treated at UCSF with the	RK13.1.
	113:7 methotrexate in about October of 2016.	
	113:8 Do you see that?	
	113:9 A. Uh-huh.	
	113:10 Q. Is that a "yes"?	
	113:11 A. I think so. It says, "MTR." I wonder	
	113:12 whether it's it's methotrexate or something else.	
	113:13 But she did receive something at UCSF followed by	
	113:14 the consolidation chemotherapy.	
	113:15 Q. And MTR could be methotrexate, Temodar,	
	113:16 and Rituxan?	
	113:17 A. Correct.	
	113:18 Q. Okay. And that would be consistent with	
	113:19 what she was treated with the first time that put	
	113:20 her into complete remission?	
	113:21 A. Right. 113:22 Q. All right. And in terms of the UCF,	
	113:22 Q. Airlight. And interns of the OCF, 113:23 that's the treatment with Dr. Rubenstein?	
	113:24 A. Yes.	
113:25 - 114:6	Raj, Kavitha 01-08-2019 (00:00:14)	RajFINAL.
	113:25 Q. And I think you said to counsel previously	
	114:1 that Dr. Rubenstein is an expert in this?	
	114:2 A. Neuro-oncology.	
	114:3 Q. All right. And is he an expert in this	
	114:4 type of lymphoma?	
	114:5 A. He just treats brain cancers and brain	
	114:6 lymphomas.	
115: <mark>1 -</mark> 115:8	Raj, Kavitha 01-08-2019 (00:00:19)	RajFINAL.
	115:1 And in any event, she was treated at UCSF	
	115:2 and then that methotrexate was was continued	
	115:3 until about January of 2017; is that right?	
	115:4 A. That's what it looks like, from looking	
	115:5 through the notes.	RK13.1.
	115:6 Q. And then she had the consolidation therapy	
	115:7 for the high dose chemotherapy for another month?	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
115:20 - 116:16	115:8 A. Correct.	RajFINAL.107
115.20 - 110.10	Raj, Kavitha 01-08-2019 (00:01:07)	ng noticitor
	115:20 Q. So the fact that she was on consolidation	
	115:21 therapy, you would conclude that she had complete	
	115:22 remission and response prior to that time? 115:23 A. Yes.	
	115:24 Q. All right. And so that would have been in	
	115:25 February or so of 2017?	
	116:1 A. Possible, yeah.	
	116:2 Q. And I think you were just looking at on	
	116:3 page 2, your assessment number 1; is that right?	
	116:4 A. Okay.	
	116:5 Q. And here, in the assessment, about the	RK13.2.1
	116:6 third sentence, it says, "The most recent MRI in	
	116:7 October of 2017 shows no evidence of disease."	
	116:8 A. Yes.	
	116:9 Q. And what does it mean that, again, in	
	116:10 October of 2017, she's showing no evidence of	
	116:11 disease?	
	116:12 A. So she had received that methotrexate,	
	116:13 Temodar, Rituxan followed by consolidation. And at	
	116:14 that point, she had been maintained on Revlimid	
	116:15 maintenance therapy and her MRI brain did not show	
	116:16 any evidence of active cancer.	
117:11 - 117:15	Raj, Kavitha 01-08-2019 (00:00:16)	RajFINAL.108
	117:11 Q. Okay. And then, as we sit here today, in	clear
	117:12 January of 2019, we're almost two years from the	
	117:13 time that she ended her methotrexate for the second	
	117:14 time and her consolidation therapy; is that right?	
	117:15 A. Correct.	
118:2 - 119:1	Raj, Kavitha 01-08-2019 (00:01:09)	RajFINAL.109
	118:2 Q. As of the last time you saw Mrs. Pilliod	
	118:3 in December of 2017 as a patient, was the longer	
	118:4 time that she went out without a recurrence, would	
	118:5 that decrease that chance of recurrence decrease	
	118:6 with with the time from treatment?	
	118:7 A. So before I answer that question, I don't	
	118:8 think she would be alive today. That's how bad this	
	118:9 cancer was.	
	118:10 Q. Right.	
λ		

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	118:11 A. I was actually surprised that she did	
	118:12 well, although she had a lot of problems and	
	118:13 complications with the chemotherapy. She has done	
	118:14 very well, no doubt about it.	
	118:15 Anytime when patients go through cancer	
	118:16 treatment, the longer they are disease free, their	
	118:17 risk of relapse does go down in terms of very	
	118:18 aggressive cancers because intuitively we think	
	118:19 aggressive cancers, even if there's one cell left	
	118:20 behind, they tend to grow back quickly. So if	
	118:21 someone has not had any cancer for more than a year	
	118:22 we think that the risk of cancer is lower.	
	118:23 Q. And so as of the last time you saw	
	118:24 Mrs. Pilliod that was a great thing, that she had	
	118:25 not had a recurrence since?	
	119:1 A. Yes, of course.	
119:2 - 119:15	Raj, Kavitha 01-08-2019 (00:00:43)	RajFINAL.110
	119:2 Q. And in terms of your note here, where it	RK13.3.1
	119:3 says, "To return to the clinic as needed," I think	
	119:4 that's toward the the bottom of your	
	119:5 recommendation and plan, do you have any plans, as	
	119:6 you sit here today, to see Mrs. Pilliod again as a	
	119:7 patient?	
	119:8 A. I don't think so because she was	
	119:9 followed because, you know, she needed that	
	119:10 expert expertise at UCSF with Dr. Rubenstein so	
	119:11 she's being followed by him. And so I didn't feel	
	119:12 like it was important for her to follow up with me	
	119:13 as well. So that's why I said return to clinic as	
	119:14 needed, assuming and knowing that she's being	
	119:15 followed very closely at UCSF.	
119:16 - 120:23	Raj, Kavitha 01-08-2019 (00:01:22)	RajFINAL.232
	119:16 Q. In terms of the first time that you saw	
	119:17 Mrs. Pilliod in in May of 2015, did you ever ask	
	119:18 her whether she had used Roundup at any time in	
	119:19 her in in her life? Did you ask her that at	
	119:20 the time that you saw her?	
	119:21 A. Typically, I would ask someone else, like	
	119:22 if I'm seeing as an initial oncology consult for	
	119:23 lymphoma, you know, exposure to toxins, chemicals.	

~	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	119:24 In her situation, I think the thing is I	
	119:25 saw her at a time of distress where she's already	
	120:1 gotten treatment and had some complications. She	
	120:2 was there to seek my help to get her through more	
	120:3 treatment. So I really don't think we actually	
	120:4 discussed about it at that point.	
	120:5 Q. And you talked a little bit previously	
	120:6 with counsel about the potential for environmental	
	120:7 exposures, and I think you may have even talked	
	120:8 about pesticides generally.	
	120:9 Do you remember that?	
	120:10 A. Yes.	
	120:11 Q. Would you consider yourself an expert in	
	120:12 terms of the all the data and scientific articles	
	120:13 and all the publications, peer-reviewed publications	
	120:14 out there regarding whether pesticides are	
	120:15 associated with certain types of cancer?	
	120:16 A. No.	
	120:17 Q. That's not something you've spent your	
	120:18 days and weeks studying?	
	120:19 A. No.	
	120:20 Q. You're more concerned about caring for	
	120:21 Mrs. Pilliod and your patients and trying to make	
	120:22 them better?	
121:5 - 122:22	120:23 A. Correct.	RajFINAL.2
121.0 - 122.22	Raj, Kavitha 01-08-2019 (00:02:11)	
	121:5 Q. And during your care and treatment of	
	121:6 Mrs. Pilliod, did you ever publish a case report	
	121:7 related to her care and treatment or and/or the	
	121:8 cause or what you think may have contributed to her	
	121:9 primary CNS lymphoma? 121:10 Did you publish anything like that?	
	121:10 Did you publish anything like that?	
	121:12 Q. And in your care and treatment of	
	121:13 Mrs. Pilliod, did you document anywhere that you had 121:14 found something that had caused or contributed to	
	121:15 her primary CNS lymphoma?	
	121:16 A. I really don't know. I have to look at	
	121:17 all of my notes to see that I have said anything.	
	121:18 But I do remember my conversation with her, like I'd	
	TET. TO DUCT OF TOMORISON THE CONVERSATION WITH THEF, INCOME	

Page 41/80

Do wo // in o	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	121:19 mentioned earlier, that's the only time I remember	
	121:20 talking about it.	
	121:21 Q. Okay. And in terms of your conversation	
	121:22 with Mrs. Pilliod, can you tell me a little bit	
	121:23 about that conversation and when it occurred?	
	121:24 A. I don't know the exact time or date. I	
	121:25 I remember seeing both of them and they've asked	
	122:1 about what could have caused their cancer.	
	122:2 Typically, I get that question as the first question	
	122:3 when I see somebody. But I you know, we talked	
	122:4 about it a little later and I we talked about	
	122:5 possible environmental exposure given both of them	
	122:6 live in the same household and both of them being	
	122:7 diagnosed with a similar type of cancer back to	
	122:8 back. They were concerned.	
	122:9 And I did tell them it is a possibility	
	122:10 that chemical exposure could cause lymphoma, and	
	122:11 they brought up this exposure to some pesticides. 122:12 And they asked me, do I think that that could have	
	122:12 And they asked the, do I think that that could have	
	122:14 can't tell that for 100 percent sure. That was my	
	122:15 response to them. But I did tell them that it is	
	122:16 possible.	
	122:17 Q. And when you said that chemicals may	
	122:18 increase the risk of lymphoma, what chemicals were	
	122:19 you talking about?	
	122:20 A. Any any chemical exposure on a	
	122:21 consistent basis that could cause cell, you know,	
	122:22 damage, DNA damage.	
122:23 - 123:2	Raj, Kavitha 01-08-2019 (00:00:10)	RajFINAL
	122:23 Q. And are you do you consider yourself an	clear
	122:24 expert in whether any of any particular chemical	
	122:25 is related to that or not? Have you looked into any	
	123:1 of that?	
100:0 100:00	123:2 A. No, I'm not an expert in that.	RajFINAL
123:3 - 123:20	Raj, Kavitha 01-08-2019 (00:00:56)	najrinal
	123:3 Q. And so it was just your general statement	
	123:4 of, there are environmental exposures. There could	
	123:5 be other things that increase the risk of lymphoma?	
	123:6 A. There are studies that shows that exposure	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
Page/Line	Source 123:7 to chemicals could cause cancer. These are 123:8 epidemiologic studies. So that's the base for my, 123:9 you know, opinion on that, that it's a possibility. 123:10 Q. Right. 123:11 And at any time did you tell Mr. and 123:12 Mrs. Pilliod during this conversation that it was 123:13 your opinion that what exactly contributed or 123:14 caused their lymphoma? 123:15 A. I did tell them that I thought it was a 123:16 possibility if they had exposed if they had been 123:17 exposed if they had been exposed to some 123:18 chemicals on a consistent basis. But I did tell 123:19 them that I can't conclude that's what had caused 123:20 their lymphoma. Raj, Kavitha 01-08-2019 (00:00:56) 123:21 Q. Okay. Sort of anything anything's 123:25 A. Can you repeat that? 124:1 Q. Yeah. Sure. 124:2 When we talk about possibilities in 124:3 medicine, lots of things are possible, right? 124:4 A. Yes. 124:5 Q. Okay. But what I'm asking you is, did you 124:6 ever come to a conclusion to a reasonable degree of 124:7 medical certainty or probability as to what may 124:8 have what may have contributed to their to 124:9 their lymphomas? 124:10 A. So when it comes to cancer, I think we are 124:11 always interested in knowing the etiology so that we 124:13 cancers we know for sure what is the probable cause 124:14 of that cancer. But most of the cancers, we don't 124:15 know the probable cause. We only know the possible 124:16 etiology. This falls in one of that. 124:17 Q. Lymphoma falls into the possibilities, not	ID RajFINAL.114
	124:16 etiology. This falls in one of that.	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
126:19 - 128:16	Raj, Kavitha 01-08-2019 (00:01:51)	RajFINAL.115
	126:19 Q. All right. Doctor, turning your	
	126:20 exhibit attention to Exhibit 13, which is the	
	126:21 last medical record, at least the last one that	
	126:22 we've seen today.	
	126:23 Do you recall that?	
	126:24 A. Yes.	
	126:25 Q. Okay. I I want to turn to the last	
	127:1 page. And and it talks about the that I'm	
	127:2 trying to find out where it said it.	
	127:3 Do you recall discussing that she was	
	127:4 taking proactively prophylactically Revlimid?	
	127:5 A. Revlimid.	
	127:6 Q. Revlimid?	
	127:7 A. Yes.	
	127:8 Q. And she was taking that even though she	
	127:9 was in complete remission?	
	127:10 A. Correct.	
	127:11 Q. Why would why would that why would a	
	127:12 doctor do that?	
	127:13 A. Because there's a very high risk for	
	127:14 cancer to come back. So that's why she was placed	
	127:15 on that maintenance treatment with Revlimid.	
	127:16 Q. Are there any side effects to the drug?	
	127:17 A. It's an oral chemotherapy. It can cause a	
	127:18 fatigue, low blood count issues.	
	127:19 Q. Do you know if Dr. Rubenstein has has	
	127:20 continued to treat her with that indefinitely?	
	127:21 A. I don't know. But at the time when I saw	
	127:22 her she was on it.	
	127:23 Q. Even though she had been in remission for	
	127:24 several months?	
	127:25 A. Correct. And at and at that time the	
	128:1 plan was to continue it as long as she was doing	
	128:2 well on it.	
	128:3 Q. Okay. I understand that in your last	
	128:4 visit you also have her continued on Effexor.	
	128:5 Do you see that?	
	128:6 A. Yes.	
	128:7 Q. So it'd be fair to say that she was still	
k i i i i i i i i i i i i i i i i i i i		

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	109-9 aliniaally depressed at that time?	
	128:8 clinically depressed at that time?	
	128:9 A. Her depression was treated with Effexor 128:10 so	
	128:10 S0 128:11 Q. Fair enough. She was still being treated	
	128:12 for depression?	
	128:13 A. Right.	
	128:14 Q. Okay. And and to the best of your	
	128:15 knowledge, is that ingestion of that that	
	128:16 medication going to be indefinite?	
128:18 - 128:20	Raj, Kavitha 01-08-2019 (00:00:06)	RajFINAL.116
	128:18 THE WITNESS: Very likely. We keep people	
	128:19 on the drug if they are doing well. We don't try to	
	128:20 wean them off of it.	
128:22 - 129:4	Raj, Kavitha 01-08-2019 (00:00:15)	RajFINAL.117
	128:22 Q. Do you know if Effexor has any side	
	128:23 effects?	
	128:24 A. Yes, it does.	
	128:25 Q. And, in fact, one of the side effects of	
	129:1 Effexor is actually depression, isn't it?	
	129:2 A. Yeah, a tendency to commit suicide.	
	129:3 Q. And are you also aware that Effexor is a	
	129:4 very difficult drug to come off of?	
129:6 - 129:6	Raj, Kavitha 01-08-2019 (00:00:01)	RajFINAL.118
	129:6 THE WITNESS: In some people, yes.	
129:17 - 129:24	Raj, Kavitha 01-08-2019 (00:00:17)	RajFINAL.119
	129:17 I guess my my last question for you,	
	129:18 Doctor and that's always a terrible thing to say	
	129:19 because your last question is never your last	
	129:20 question, right?	
	129:21 But would it be fair to say, based on your	
	129:22 treatment of Mrs. Pilliod, that she has a fair or	
	129:23 significant chance of having a recurrence in the	
	129:24 future?	
130:1 - 130:2	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.120
	130:1 THE WITNESS: Yes, she does have a high	
	130:2 risk of recurrence.	
130:9 - 130:13	Raj, Kavitha 01-08-2019 (00:00:11)	RajFINAL.121
	130:9 Q. And and the and the fact that she's	
	130:10 already had one recurrence, from a clinical	
	130:11 perspective, does that increase her likelihood of	
Plaintiff Designations	Monsanto Designations	Page 45/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	100-10 herview excellence	
	130:12 having another?	
130:23 - 130:25	130:13 A. Yes, it does. Raj, Kavitha 01-08-2019 (00:00:01)	RajFINAL.122
100.20	130:23 BY MR. WISNER:	-
	130:24 Q. Good afternoon, Doctor.	
	130:25 A. Hi.	
131:1 - 131:7	Raj, Kavitha 01-08-2019 (00:00:10)	RajFINAL.123
	131:1 Q. So I want to talk to you a little bit	
	131:2 about Alva Pilliod.	
	131:3 Do you recall Mr. Pilliod?	
	131:4 A. Yes.	
	131:5 Q. Do you recall treating him prior to a	
	131:6 cancer diagnosis?	
	131:7 A. Yes.	
131:8 - 131:18	Raj, Kavitha 01-08-2019 (00:00:29)	RajFINAL.124
	131:8 Q. What do you recall?	
	131:9 A. I think I was treating him for	
	131:10 hemochromatosis, which is a blood disorder. And	
	131:11 then he developed lymphoma.	
	131:12 Q. What is hemochromatosis?	
	131:13 A. Hemochromatosis is a genetic disorder	
	131:14 where someone cannot metabolize the iron very well	
	131:15 so they accumulated. So we have to do phlebotomy,	
	131:16 meaning removing blood to eliminate the iron from	
	131:17 the blood. And that's the kind of a condition that	
	131:18 he had.	
132:1 - 132:9	Raj, Kavitha 01-08-2019 (00:00:22)	RajFINAL.125
	132:1 So you're treating him for this condition.	
	132:2 And at some point, did he present with non-Hodgkin's	
	132:3 lymphoma?	
	132:4 A. I mean, like I mentioned this morning, I	
	132:5 have not looked at the records recently, but I	
	132:6 remember him very well because he he presented	
	132:7 with significant pain issues and bone involvement of	
	132:8 lymphoma, if I recall correctly. And that's how he	
	132:9 presented.	D-: CIVAL 407
132:10 - 132:18	Raj, Kavitha 01-08-2019 (00:00:22)	RajFINAL.127
	132:10 Q. Okay. What do you mean by "pain issues"?	
	132:11 A. Like, he I I mean, I have to look at	
	132:12 my first consult.	
Plaintiff Designations	Monsanto Designations	Page 46/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	132:13 Q. Just your recollection. I'm going to show	
	132:14 you the record.	
	132:15 A. Right. I think he he had involvement	
	132:16 of lymphoma in his spine resulting in pain. And he	
	132:17 probably had a scan, it showed something, and I	
	132:18 think that's how he probably came to see me.	
132:24 - 133:1	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.128
	132:24 Q. I'm handing you Exhibit 14.	RK14.1
	132:25 (Whereupon, Exhibit 14 was marked for	
	133:1 identification.)	
133:3 - 133:4	Raj, Kavitha 01-08-2019 (00:00:04)	RajFINAL.129
	133:3 Q. Do you recognize this document, Doctor?	
	133:4 A. Yes, it's a dictation done by me.	
133:15 - 133:25	Raj, Kavitha 01-08-2019 (00:00:25)	RajFINAL.130
	133:15 Q. Okay. And the date of this is June 9th,	RK14.1.1
	133:16 2011. Do you see that?	
	133:17 A. Yes.	
	133:18 Q. Okay. So I'm going to go through this	DV4440
	133:19 History of Present Illness with you and kind of stop	RK14.1.2
	133:20 and ask questions.	
	133:21 "This is a 69-old-male who is known to me	
	133:22 from outpatient services who was sent to the	
	133:23 emergency room after being evaluated by me in the	
	133:24 office for worsening right hip pain and new onset	
134:1 - 134:5	133:25 upper back pain."	RajFINAL.132
104.1 - 104.0	Raj, Kavitha 01-08-2019 (00:00:03)	
	134:1 Did I read that right?	
	134:2 A. Yes.	
	134:3 Q. Is that what you were referring to 134:4 earlier?	
	134:5 A. Yes.	
134:6 - 134:19	Raj, Kavitha 01-08-2019 (00:00:32)	RajFINAL.133
	134:6 Q. Okay. And what do you recall, if	
	134:7 anything, about how he presented with with regards	
	134:8 to this pain?	
	134:9 A. He was very uncomfortable. That that I	
	134:10 remember very well. Because somebody has to be in a	
	134:11 lot of pain for me to send them to the hospital	
	134:12 for for their evaluation. Usually this is an	
	134:13 outpatient evaluation and management. For me to	
	to the capation or analian and management. For moto	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	 134:14 send him to the hospital, he was in severe pain. 134:15 Q. Okay. So to be clear, then, he presented 134:16 and you actually said go to the hospital? 134:17 A. Correct. 134:18 Q. The emergency room specifically? 	
136:6 - 137:16	 134:19 A. Correct. Raj, Kavitha 01-08-2019 (00:01:34) 136:6 "During this time, he also started 136:7 complaining of pain for which an MRI of the lumbar 136:8 spine was done at outside imaging which revealed 136:9 questionable" "a questionable process involving 136:10 the L5 vertebral body." 136:11 Did I read that right? 136:12 A. Yes. 136:13 Q. What is a "questionable process"? 136:14 A. Meaning some infiltrative process, 136:15 something occupying the L5 vertebral body. That 136:16 they were questioning, could there be something on 136:17 the L5 vertebral body on the MRI. 136:18 Q. And just for our well, for my sake, 136:19 what is the L5 vertebral body? 136:20 A. So L5 is the lumbar spine 5. T12 comes at 136:21 the level of the nipple and 1, 2, 3, 4, 5. So it's 136:23 the L5. Yeah. 136:24 Q. Okay. 	RajFINAL.134 RK14.1.3
	 136:25 "This was followed by a CT chest, abdomen, 137:1 and pelvis which was done on March 18th, 2011, which 137:2 revealed multiple lytic and blastic lesions 137:3 throughout the bony skeleton concerning for 137:4 metastatic disease." 137:5 Did I read that right? 137:6 A. Yes. 137:7 Q. What does that mean? 137:8 A. That means he had a full body CT scan 137:9 which showed multiple spots in the bone. Lytic and 137:10 blastic are different ways of lymphoma eating the 137:12 we saw on that CT scan. 137:13 Q. Would it be fair to say, then, in sort of 	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	137:14 layman's terms, the full body CT scan showed 137:15 abnormalities throughout his skeletal body? 137:16 A. Yes.	
137:17 - 137:22	Raj, Kavitha 01-08-2019 (00:00:10)	RajFINAL.136
	137:17 Q. Okay. It says, "He was also found to have	RK14.1.5
	137:18 additional lytic abnormalities throughout the	
	137:19 spine."	
	137:20 Do you see that?	
	137:21 A. Yes, throughout the bony skeleton.	
	137:22 Q. Yeah.	DeiCINAL 497
138:4 - 139:16	Raj, Kavitha 01-08-2019 (00:01:31)	RajFINAL.137 RK14.1.6
	138:4 Q. "The largest lytic abnormality was found	NK 14.1.0
	138:5 in the right iliac bone measuring 1.8 by 4.3	
	138:6 centimeters in diameter with a prominent soft tissue	
	138:7 component measuring 3.1 by 4.6 centimeters." 138:8 Did I read that right?	
	138:9 A. Yes.	
	138:10 Q. What does that mean?	
	138:11 A. That means that he had a large bone lesion	
	138:12 in the right hip bone. In addition to that, there	
	138:13 was a tumor growth, like a lymphoma mass, attached	
	138:14 to it.	
	138:15 Q. And 1.8 by 4.3 centimeters, that's almost	
	138:16 like a square inch; is that right?	
	138:17 A. Yeah. 2.5 centimeter is an inch. So 4.3	
	138:18 is almost, like, two inches. Yeah.	
	138:19 Q. Okay. So we're talking about like a	
	138:20 two-inch by one-inch sort of block in his in his	
	138:21 hip?	
	138:22 A. Correct.	
	138:23 Q. Okay. At that time did you think that	
	138:24 that mass might have contributed to the pain he was	
	138:25 experiencing?	
	139:1 A. Yes, certainly. 139:2 Q. Okay.	
	139:2 G. Okay. 139:3 "He was also found to have additional	
	139:4 lytic abnormalities throughout the spine."	
	139:5 What does that mean?	
	139:6 A. That means he had additional bone lesions	
	139:7 throughout the spine.	
k i i i i i i i i i i i i i i i i i i i		

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	139:8 Q. Now, this sort of sort of having bone	
	139:9 lesions throughout the body and the spine, is that	
	139:10 something that you've seen before in your practice?	
	139:11 A. Yes.	
	139:12 Q. Is that indicative of anything to you as a	
	139:13 physician?	
	139:14 A. It means it's a pretty aggressive form of	
	139:15 disease that is involving multiple areas of the	
	139:16 bone.	
139:17 - 140:10	Raj, Kavitha 01-08-2019 (00:00:38)	RajFINAL.138
	139:17 Q. Okay.	RK14.1.7
	139:18 "He also underwent a bone scan which	
	139:19 revealed essentially the same results. A bone scan	
	139:20 done on the same day also revealed diffuse bony mets	
	139:21 as seen on the CT."	
	139:22 What is a "bony met"?	
	139:23 A. Metastasis is if there is a cancer	
	139:24 involvement outside, say, if it's a lymphoma, we	
	139:25 think it is a lymph node organ, bone is outside the	
	140:1 lymphoma node. So it is a metastasis. And it's	
	140:2 essentially saying it's diffuse bone involvement.	
	140:3 Q. Okay.	
	140:4 A. That's what the bone scan showed.	DK444
	140:5 Q. Okay.	RK14.1.8
	140:6 "From the above studies, I was not clear	
	140:7 what is his primary."	
	140:8 Does that mean you weren't sure what the	
	140:9 cause of all those lesions were?	
140:12 - 141:4	140:10 A. Correct.	RajFINAL.139
140.12 - 141.4	Raj, Kavitha 01-08-2019 (00:00:55)	RK14.1.9
	140:12 "He also underwent additional laboratory	
	140:13 workup, including CEA, PSA, and workup of multiple	
	140:14 myeloma and serum free light chain assay, serum	
	140:15 protein electrophoresis, which were all within	
	140:16 normal limits. He underwent a biopsy of the right	
	140:17 iliac soft tissue mass which was entirely necrotic 140:18 tissue."	
	140:16 lissue. 140:19 What what does that mean?	
	140:19 What what does that mean? 140:20 A. So he had workup, including all the blood	
	140.20 A: Some had workup, including an the blood	
	ידט.בי נכסנס נוומו של טוסנטססלט נוולול, מווע נוומו נשט	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	 140:22 sentences, to see where whether this could be a 140:23 colon cancer, prostate cancer, myeloma. That all 140:24 came back negative. 140:25 So we biopsied that mass that had attached 141:1 to that right hip bone, but it showed dead tissue. 141:2 That means that that if the cell is dividing very 	
141:5 - 141:13	 141:3 fast sometimes we can get to that cancer cell. It 141:4 shows just dead tissue. That's what we saw. Raj, Kavitha 01-08-2019 (00:00:17) 141:5 Q. So based on this, you couldn't tell when 141:6 that mass appeared in his in his hip? 141:7 A. Yeah, I can't tell. 	RajFINAL.140
	 141:8 Q. Okay. So it could have been there for a 141:9 year or so? 141:10 A. For sure for months. I don't know for 141:11 years. 141:12 Q. Okay. He probably would have felt it? 141:13 A. Yeah. 	
142:1 - 142:24	Raj, Kavitha 01-08-2019 (00:00:51)	RajFINAL.141
	 142:1 Q. Okay. 142:2 "Meanwhile in the last week, his symptoms 142:3 have been worse. He" "he was started on 142:4 MS contin." 142:5 What is that? 142:6 A. That's a longer acting morphine sulfate. 142:7 Q. Okay. Is that a narcotic? 142:8 A. It is. 142:9 Q. Okay. 142:10 "With dose adjustments. Despite that, his 142:12 also had lost five pounds of weight in the last two 142:13 weeks with poor appetite." 142:14 Did I read that right? 142:15 A. Yes. 142:16 Q. So what, if any, significance is there to 142:17 the fact that his pain was persisting through a 142:19 A. Well, that means that he was in severe 142:20 pain and when there's anytime cancer destroying the 142:21 bone, there's always a tremendous amount of pain. 	RK14.1.10

		RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
\angle	Page/Line	Source	ID
		142:22 That's probably what he was experiencing. And	
		142:23 weight loss and loss of appetite are very common	
		142:24 symptoms of cancer.	
	143:1 - 143:8	Raj, Kavitha 01-08-2019 (00:00:24)	RajFINAL.142
		143:1 "He was also started on antibiotics with	KK14.1.11
		143:2 Augmentin since the right hip mass was enlarged and	
		143:3 warm. Suspicious for underlying superimposed	
		143:4 infection versus tumor necrosis."	
		143:5 What does that mean?	
		143:6 A. That means maybe I was somewhat concerned	
		143:7 whether there could be an infection on top of the	
		143:8 mass so I treated him with antibiotics.	
	143:9 - 144:4	Raj, Kavitha 01-08-2019 (00:00:39)	RajFINAL.143
		143:9 Q. Okay.	RK14.1.12
		143:10 "To note, his mass did improve in size	
		143:11 after taking Augmentin for the last three days.	
		143:12 Today he presented with acute upper back pain and	
		143:13 worsening hip pain and symptoms of radio" how do	
		143:14 you say that?	
		143:15 A. Radiculopathy.	
		143:16 Q "radiculopathy, which he was sent to	
		143:17 the ER."	
		143:18 What is radiculopathy?	
		143:19 A. If there is any nerve impingement from the	
		143:20 tumor mass involving the spine, it causes radiating	
		143:21 pain down the legs and nerve symptoms.	
		143:22 Q. Okay. And so he's presenting here both	
		143:23 with upper back pain, hip pain, and this sort of	
		143:24 radiating pain through his body?	
		143:25 A. Yes.	
		144:1 Q. Okay. It was so severe, in fact, that you	
		144:2 had to send him to the ER?	
		144:3 A. Yes.	
		144:4 Q. Okay.	DOICINAL 144
	144:5 - 144:17	Raj, Kavitha 01-08-2019 (00:00:45)	RajFINAL.144 RK14.1.13
		144:5 "An MRI of the thoracic spine revealed a	nK14.1.15
		144:6 TF fracture and increased bone marrow signal	
		144:7 heterogeneity with areas of abnormal bony edema	
		144:8 particularly in T2, T4, T8, T10, T11, and T12, but	
		144:9 no evidence of cord compression or spinal canal	
P	laintiff Designations	Monsanto Designations	Page 52/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	144:10 stenosis."	
	144:11 What does that mean?	
	144:12 A. So he had a thoracic spine 7, T7 fracture	
	144:13 because of the cancer. And he also had cancer	
	144:14 involvement essentially in all his thoracic spine.	
	144:15 But the cancer is not impinging so the spinal cord	
	144:16 is going inside the spine but not impinging the	
	144:17 cord.	RajFINAL.146
144:18 - 145:5	Raj, Kavitha 01-08-2019 (00:00:29)	najrinal. 140
	144:18 So that's what it means.	
	144:19 Q. Okay. And the thoracic part of the spine,	
	144:20 where is that?	
	144:21 A. Oh, it's in the upper upper back.	
	144:22 Q. Okay. And so so what you're saying	
	144:23 here is the mass in the sorry, the cancer had	
	144:24 actually caused a fracture in one of his what do	
	144:25 you call it?	
	145:1 A. Thoracic spine 7, T7.	
	145:2 Q. Okay. And then there was evidence of	
	145:3 cancer throughout the essentially the rest of his	
	145:4 thoracic spine?	
145:20 - 146:8	145:5 A. Yes. Boi Kowitha 01 09 2010 (00:00:27)	RajFINAL.147
140.20 - 140.0	Raj, Kavitha 01-08-2019 (00:00:37)	RK14.1.14
	145:20 Q. His past medical history was that 145:21 hemochromatosis. That's the the iron disorder we	
	145:22 talked about?	
	145:22 Taiked about? 145:23 A. Uh-huh.	
	145:24 Q. And then history of recurrent viral	
	145:25 meningitis for which he's on Valtrex	
	146:1 prophylactically.	
	146:2 What is that?	
	146:3 A. He's had history of brain fever, like an	
	146:4 infection, viral infection from long time ago. And	
	146:5 he has had seizures from that and his neurologist	
	146:6 has kept him on this antiviral medication to prevent	
	146:7 this from flaring-up and causing more seizure	
	146:8 issues.	
146:9 - 146:12	Raj, Kavitha 01-08-2019 (00:00:09)	RajFINAL.148
	146:9 Q. Okay. And are you aware of any studies	
	146:10 showing that this sort of treatment, this Valtrex	
Plaintiff Designations	Monsanto Designations	
		Page 53/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	140.11 is seen as the visit of several to definite house house 0	
	146:11 increases the risk of non-Hodgkin's lymphoma?	
146:13 - 148:4	146:12 A. Valtrex, no. Raj, Kavitha 01-08-2019 (00:01:36)	RajFINAL.149
	146:13 Q. And then the next one refers to that	RK14.2.1
	146:14 seizure disorder you mentioned before.	
	146:15 A. Uh-huh.	
	146:16 Q. What is Dilantin?	
	146:17 A. Dilantin is an anti-seizure medication.	
	146:18 Q. Okay. And then number 4 is benign	
	146:19 prostatic hypertrophy?	
	146:20 A. Uh-huh.	
	146:21 Q. What is that?	
	146:22 A. Prostate enlargement.	
	146:23 Q. Is that there's no there's no issue	
	146:24 with cancer there?	
	146:25 A. No, it's a very common thing noted in men	
	147:1 in their 70s.	
	147:2 Q. Okay. And an ulcerative that's ulcers?	
	147:3 A. It is an autoimmune condition involving	
	147:4 the colon.	
	147:5 Q. Okay. Okay. And was he receiving any	
	147:6 treatment for that?	
	147:7 A. I don't recall, but I don't say see	
	147:8 anything there or looks like he is on some 147:9 medication right in the medication list for that.	
	147.9 medication right in the medication list for that. 147:10 Q. Okay. What medication here would be	
	147:10 Q. Okay. What he dication here would be	
	147:12 A. Asacol.	
	147:13 Q. Okay. And is that an immunosuppressant	
	147:14 drug?	
	147:15 A. I don't think so but I'm not very sure	
	147:16 because I don't treat that condition.	
	147:17 Q. Okay. To the best of your knowledge as an	
	147:18 oncologist, is having this condition associated with	
	147:19 non-Hodgkin's lymphoma?	
	147:20 A. Any autoimmune conditions can increase the	
	147:21 risk of non-Hodgkin's lymphoma.	
	147:22 Q. Okay. Number 6, the history of	
	147:23 superficial skin melanoma resected a few months ago,	
	147:24 do you see that?	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	147:25 A. Yes.	
	147.25 A. res. 148:1 Q. What does that refer to?	
	148:2 A. That means that he had a skin cancer in	
	148:3 the form of melanoma and he had surgery for that a	
	148:4 few months before I saw him.	
148:5 - 148:7	Raj, Kavitha 01-08-2019 (00:00:05)	RajFINAL.152
	148:5 Q. Okay. And is there any reason to believe	
	148:6 that that might be associated with NHL?	
	148:7 A. No.	
148:17 - 149:4	Raj, Kavitha 01-08-2019 (00:00:31)	RajFINAL.153
	148:17 Q. So what we have here is Impression and	RK14.3.1
	148:18 Discussion. "A 69-year-old male with a newly	
	148:19 diagnosed possible metastatic disease pending	
	148:20 biopsy."	
	148:21 What does that mean?	
	148:22 A. Meaning that the scan shows that he has	
	148:23 cancer involvement in multiple parts of the body.	
	148:24 We don't know what cancer it is. So that's why I	
	148:25 said "possible metastatic disease pending biopsy."	
	149:1 Q. So this is the first sort of serious	
	149:2 indication that he might be suffering from some sort	
	149:3 of lymphoma?	
	149:4 A. Cancer.	
149:5 - 149:9	Raj, Kavitha 01-08-2019 (00:00:05)	RajFINAL.154
	149:5 Q. Cancer, I should say.	
	149:6 A. Right.	
	149:7 Q. And you are waiting on the biopsy to	
	149:8 presumably see what type?	
	149:9 A. Correct.	
149:10 - 149:21	Raj, Kavitha 01-08-2019 (00:00:21)	RajFINAL.155
	149:10 Q. Okay. And it says you have you want to	
	149:11 follow up on the biopsy and in, what, about four	
	149:12 days from the date of this record; is that right?	
	149:13 A. I'm sorry?	
	149:14 Q. It says, "Recommendations." "Await biopsy	RK14.3.2
	149:15 on June 13th, 2011." At the very bottom of	
	149:16 Recommendations.	
	149:17 A. Okay.	
	149:18 Q. So you're you're going to follow up	
	149:19 with him in a few days once you have the results of	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	149:20 the biopsy.	
149:25 - 150:3	149:21 A. Probably, yes.	RajFINAL.156
149.20 - 100.3	Raj, Kavitha 01-08-2019 (00:00:07)	clear
	149:25 So to the best of your knowledge, what	orcar
	150:1 what was he ultimately diagnosed with?	
	150:2 A. He was ultimately diagnosed with diffuse	
450.4 450.0	150:3 large B-cell lymphoma, stage IV.	RajFINAL.157
150:4 - 150:6	Raj, Kavitha 01-08-2019 (00:00:05)	najrinaL.137
	150:4 Q. And that is the same type of cancer that	
	150:5 his wife was diagnosed with; is that right?	
	150:6 A. Correct.	D-SCHAL 450
150:9 - 150:9	Raj, Kavitha 01-08-2019 (00:00:01)	RajFINAL.158
	150:9 THE WITNESS: But she had a CNS form.	B :51141 450
150:11 - 150:20	Raj, Kavitha 01-08-2019 (00:00:17)	RajFINAL.159
	150:11 Q. That's right. And so they're both diffuse	
	150:12 B-cell lymphoma, but hers manifested inside the CNS,	
	150:13 right?	
	150:14 A. Correct.	
	150:15 Q. Whereas, his manifested in, I guess, his	
	150:16 bones?	
	150:17 A. Bones.	
	150:18 Q. And if even though it was in his spine,	
	150:19 it was not in the nervous system?	
	150:20 A. Correct.	
150:21 - 151:1	Raj, Kavitha 01-08-2019 (00:00:11)	RajFINAL.160
	150:21 Q. Okay. Diffuse B-cell lymphoma is one of	
	150:22 the more common types of non-Hodgkin's lymphoma?	
	150:23 A. Correct.	
	150:24 Q. Is it generally considered an aggressive	
	150:25 or indolent type of cancer?	
	151:1 A. It's an aggressive cancer.	
151:2 - 151:7	Raj, Kavitha 01-08-2019 (00:00:11)	RajFINAL.161
	151:2 Q. And what is the sort of well, with	
	151:3 regards to Mr. Pilliod, what what sort of	
	151:4 treatment did would you have prescribed did	
	151:5 you prescribe for him to treat his cancer?	
	151:6 A. Essentially it's treated with	
	151:7 chemotherapy.	
151:17 - 151:18	Raj, Kavitha 01-08-2019	RajFINAL.162
	151:17 (Whereupon, Exhibit 15 was marked for	
	territy (thereapen, Exhibit to the harded for	
Plaintiff Designations	Monsanto Designations	Page 56/80

Dege // Jaco	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	151:18 identification.)	
152:3 - 153:6	Raj, Kavitha 01-08-2019 (00:01:03)	RajFINAL.1
	152:3 Q. All right. So, Doctor, this is one of	RK15.1.1
	152:4 your records; is that right?	
	152:5 A. Yes.	
	152:6 Q. All right. And this is dated 7/11/2013?	
	152:7 A. Yes.	
	152:8 Q. Okay. And if we read here History of	RK15.1.2
	152:9 Present Illness.	
	152:10 "I had the pleasure of seeing Mr. Pilliod	
	152:11 on a follow-up visit today. He is a very pleasant	
	152:12 71-year-old gentleman."	
	152:13 So the last record, he was 69, so this is	
	152:14 two years later?	
	152:15 A. Yes.	
	152:16 Q. "Who has a history of stage IV diffuse	
	152:17 B-cell lymphoma when he presented with extensive	
	152:18 metastasis to his bones and diffuse	
	152:19 hypermetabolic" how do you say that?	
	152:20 A. Lymphadenopathy.	
	152:21 Q. Okay. 152:22 "in 2011. He underwent six cycles of	
	152:22 In 2011. The underwent six cycles of 152:23 R-CHOP from June '11 through October 2011 with	
	152:23 A-Chor non sure in mough october 2011 with 152:24 complete metabolic response."	
	152:25 Did I read that right?	
	153:1 A. Yes.	
	153:2 Q. What is R-CHOP?	clear
	153:3 A. R-CHOP is a combination of multiple	
	153:4 chemotherapy drugs, including R for Rituxan, C for	
	153:5 Cytoxan, H is actually the adriamycin, O is for	
	153:6 vincristine, and P for prednisone.	
53:7 - 153:18	Raj, Kavitha 01-08-2019 (00:00:30)	RajFINAL.1
	153:7 Q. What are some of the side effects	
	153:8 associated with that combination of chemotherapy?	
	153:9 A. Like any other chemotherapy, people can	
	153:10 experience low energy, nausea, vomiting, hair loss,	
	153:11 low blood count. Those are very common side	
	153:12 effects.	
	153:13 Rare side effects could be cardiomyopathy,	
	153:14 meaning heart muscle damage, or risk of Leukemia,	

Page 57/80

Plaintiff Designations

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	
	150-15 Altimore lilles that	
	153:15 things like that.	
	153:16 Q. Have you ever heard of something called	
	153:17 chemo brain? 153:18 A. Yes.	
157:18 - 157:20	Raj, Kavitha 01-08-2019 (00:00:03)	RajFINAL.170
107.10 107.20		
	157:18 Q. Is that something you would defer to a	
	157:19 neurologist on? 157:20 A. Yes.	
158:22 - 159:3	Raj, Kavitha 01-08-2019 (00:00:12)	RajFINAL.171
100.22 100.0	158:22 Q. Okay. And under Recommendation Plan, it	RK15.1.3
	•	
	158:23 says, "PET/PT shows clinical remission." 158:24 Do you see that?	
	158:25 A. Yes.	
	159:1 Q. Was it your understanding that at this	
	159:2 time, at least in 2013, he was in remission?	
	159:3 A. Yes.	
159:22 - 160:12	Raj, Kavitha 01-08-2019 (00:00:29)	RajFINAL.172
	159:22 Q. Okay. And are you currently treating	clear
	159:23 Mr. Pilliod?	
	159:24 A. Yes, I am.	
	159:25 Q. Okay. Do you recall the last time you	
	160:1 gave him a scan?	
	160:2 A. I I think the last time I saw him was a	
	160:3 scan follow-up, if I remember right. Because he was	
	160:4 having some symptoms that were we were not sure	
	160:5 entirely what was causing those. So I think he did	
	160:6 have a scan. I don't remember, though	
	160:7 Q. Okay.	
	160:8 A for sure.	
	160:9 Q. Do you recall if he's had any relapse or	
	160:10 recurrence?	
	160:11 A. For sure, he did not have any relapse. I	
	160:12 know that he is in remission.	
162:5 - 162:8	Raj, Kavitha 01-08-2019 (00:00:08)	RajFINAL.173
	162:5 Q. And again, I may be going over a few	
	162:6 documents that we have gone over previously and	
	162:7 but hopefully, I won't be too repetitive. Okay?	
	162:8 A. Okay.	
162:14 - 162:20	Raj, Kavitha 01-08-2019 (00:00:16)	RajFINAL.174
	162:14 Q. I'm going to mark as Exhibit 16 a note	RK16.1.1
Plaintiff Designations	Monsanto Designations	Page 58/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	D
	162:15 from March the 15th, 2011, which I believe is your	
	162:16 first consultation with Mr. Pilliod.	
	162:17 Do you recognize this exhibit?	
	162:18 A. Yes.	
	162:19 Q. And this is your note and your signature?	
	162:20 A. Yes.	
163:11 - 164:9	Raj, Kavitha 01-08-2019 (00:01:01)	RajFINAL.175
	163:11 Q. And so this first time that you saw him in	
	163:12 March of 2011 was really just to get to the bottom	
	163:13 of this high iron issue?	
	163:14 A. Correct.	
	163:15 Q. All right. And under the Past Medical	RK16.1.2
	163:16 History, it appears that you noted that he had a	
	163:17 history of ulcerative colitis; is that right?	
	163:18 A. Yes.	
	163:19 Q. And this history of ulcerative colitis for	
	163:20 Mr. Pilliod obviously predates his diffuse large	
	163:21 B-cell lymphoma diagnosis; is that right?	
	163:22 A. Correct.	
	163:23 Q. And if we say "diffuse large B-cell	
	163:24 lymphoma," if we say "DLBCL," are we on the same	
	163:25 page there?	
	164:1 A. Yes.	
	164:2 Q. Okay. And I think you told counsel before	
	164:3 that ulcerative colitis is an autoimmune disease?	
	164:4 A. Correct.	
	164:5 Q. And did you also say that if I heard	
	164:6 you right, that that any autoimmune condition can	
	164:7 increase the risk of non-Hodgkin's lymphoma like	
	164:8 DLBCL?	
164:14 - 165:4	164:9 A. It's possible.	RajFINAL.176
104.14 - 105.4	Raj, Kavitha 01-08-2019 (00:00:37)	naji ninemo
	164:14 Q. All right. You next note in his past	RK16.1.3
	164:15 medical history a seizure disorder since 1978.	
	164:16 Do you see that?	
	164:17 A. Yes.	
	164:18 Q. And obviously, his seizure disorder would	
	164:19 predate his cancer diagnosis, right? 164:20 A. Correct.	
	164:20 A. Correct. 164:21 Q. And at this time did you have any	clear

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	164:22 understanding at this time what the what the	
	164:23 etiology or what the cause of his seizure disorder	
	164:24 was?	
	164:25 A. So at that time, from what he told me that	
	165:1 he he was diagnosed with a viral meningitis	
	165:2 around the same time, and that's when he was	
	165:3 diagnosed with seizure disorder. So he told me that	
	165:4 was kind of related to each other.	
165:16 - 166:4	Raj, Kavitha 01-08-2019 (00:00:30)	RajFINAL.177
	165:16 Q. Okay. And you did not diagnose him with	
	165:17 lymphoma or any type of cancer at this first	
	165:18 meeting, correct?	
	165:19 A. Correct.	
	165:20 Q. And why is it that if you're not treating	
	165:21 him for cancer and you're not diagnosing him with	
	165:22 cancer at this time why he would be coming to you	
	165:23 for this high iron level?	
	165:24 A. Because I'm a hematologist so I take care	
	165:25 of high iron levels. That's a hematology problem.	
	166:1 Q. Okay. So your your specialty includes	
	166:2 not only treating people for cancer but other blood	
	166:3 disorders as well?	
171:6 - 174:24	166:4 A. Correct.	RajFINAL.178
171.0 - 174.24	Raj, Kavitha 01-08-2019 (00:03:45)	naji naziri o
	171:6 Q. All right. And then if we come back to	
	171:7 Exhibit 14. 171:8 A. Uh-huh.	
	171.6 A. On-hun. 171:9 Q. Which is the June June 2011 note.	
	171:10 Are you there?	
	171:11 A. Me? Yes.	
	171:12 Q. Yes.	
	171:13 And so we can see that toward the top of	RK14.1.15
	171:14 this note, it talks about the fact, oh, six lines	
	171:15 down or so, that he started complaining of pain for	
	171:16 which an MRI was done.	
	171:17 A. Uh-huh.	
	171:18 Q. And then this was followed. You ordered a	
	171:19 CT of the chest, the abdomen, and the pelvis, and	
	171:20 that was done about a week later.	
	171:21 Do you see that?	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	171:22 A. Yes.	
	171:22 A. Tes. 171:23 Q. And all of those testings on Mr. Pilliod	
	171:24 gave you a heightened concern that there was some	
	171:25 other process going on?	
	172:1 A. Correct.	
	172:2 Q. Okay. And and that that heightened	
	172:3 process that you were concerned about was a	
	172:4 metastatic cancer?	
	172:5 A. Correct.	
	172:6 Q. And you state below, and you talked with	BK14.1.16
	172:7 counsel, that from those MRIs and all of that	
	172:8 additional investigation, you were not clear on,	
	172:9 quote, what his primary was.	
	172:10 Do you	
	172:11 A. Yes.	
	172:12 Q. Do you remember writing that?	
	172:13 A. Yes.	-1
	172:14 Q. And what does that mean?	clear
	172:15 A. What that means is there is cancer	
	172:16 involving multiple areas of the bone. But the	
	172:17 question is, where is it coming from? Is it a colon	
	172:18 cancer going to the bone, prostate cancer, or is it	
	172:19 a lymphoma?	
	172:20 So that's what it means.	
	172:21 Q. And from those imaging, like you said, you	
	172:22 could not tell, number one, what type of cancer he	
	172:23 had; is that right?	
	172:24 A. Correct.	
	172:25 Q. Nor could you tell what the potential	
	173:1 cause or contributing factors to that cancer were;	
	173:2 is that right?	
	173:3 A. Correct.	
	173:4 Q. And it looks like that you recommended	
	173:5 a a biopsy of his right hip?	
	173:6 A. Looks like, yes, I did.	
	173:7 Q. And unfortunately, the cells and the	
	173:8 pathology, et cetera, that you got back for that	
	173:9 didn't didn't lead to any further conclusions as	
	173:10 to what his issues were, right?	
	173:11 A. Correct.	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	173:12 Q. And so you went to the next step of, okay,	
	173:13 I'm going to biopsy a different area, and you went	
	173:14 to his left side and that was scheduled for a few	
	173:15 days from from then?	
	173:16 A. Maybe in one of the vertebral bodies, yes.	
	173:17 A. few days from then, yes.	
	173:18 Q. All right. So you were going to continue	
	173:19 to investigate to try to figure out what the what	
	173:20 type of cancer he might have because that was your	
	173:21 concern?	
	173:22 A. Yes.	
	173:23 Q. And then you went through and did another	
	173:24 past medical history, which is kind of where we	
	173:25 started, and you said you had a little bit more	
	174:1 information here than you had in March when you	
	174:2 first saw him.	
	174:3 Do you remember that?	
	174:4 A. Looks I mean, just from looking through	
	174:5 the notes, I have more information on the past	
	174:6 medical history here.	
	174:7 Q. And the first part of the past medical	RK14.1.1
	174:8 history you talk about his hemochromatosis, right?	
	174:9 A. Yes.	
	174:10 Q. And the second part, which you went over	
	174:11 with counsel, said that he had a history of	
	174:12 recurrent viral meningitis for which he is on	
	174:13 Valtrex prophylactically.	
	174:14 Do you see that?	
	174:15 A. Yes.	
	174:16 Q. And and what was your understanding	
	174:17 when you write "recurrent viral meningitis?" What	
	174:18 is that, for the jury?	
	174:19 A. This is by history, so I don't have any	
	174:20 documentation to say what exactly his symptoms were.	
	174:21 He told me that he would get these	
	174:22 episodes of seizures or severe headaches, and he was	
	174:22 treated with the antiviral medication to prevent	
	174:24 this, from having these attacks.	
175:4 - 175:11	Raj, Kavitha 01-08-2019 (00:00:20)	RajFINAL.1
	175:4 Q. Was this history important to you in in	clear

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	175:5 his care and treatment in any particular way?	
	175:6 A. Not really. But we we asked questions	
	175:7 about any chronic viral infections and lymphomas.	
	175:8 So that's maybe pertinent.	
	175:9 Q. Can that suggest to you that there may be	
	175:10 some weakened immune system that he has?	
	175:11 A. Possibly.	
176:4 - 176:20	Raj, Kavitha 01-08-2019 (00:00:54)	RajFINAL.180
	176:4 Q. In connection with your treatment of	
	176:5 Mr. Pilliod today, is it relevant to you that he had	
	176:6 a long history of recurrent viral meningitis?	
	176:7 A. So any type of chronic viral infections	
	176:8 can predispose someone to get a lymphoma. But	
	176:9 there there are certain viral infections, not	
	176:10 like the one that causes meningitis, something	
	176:11 called Epstein-Barr virus would cause it. I would	
	176:12 be more interested in that. But you always wonder	
	176:13 when someone has any type of chronic inflammation,	
	176:14 anything like that that could that be a possible	
	176:15 factor in?	
	176:16 Q. Okay. And when you go on to his past	RK14.2.2
	176:17 medical history to the next page, you again note	
	176:18 that he has a history of seizure disorder and he's	
	176:19 being treated with Dilantin? 176:20 A. Yes.	
176:25 - 176:25	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.181
	176:25 Q. And then we if we go down to number 5,	RK14.2.3
177:1 - 178:23	Raj, Kavitha 01-08-2019 (00:01:51)	RajFINAL.182
	177:1 is the history of ulcerative colitis; is that right?	
	177:2 A. Yes.	
	177:3 Q. And we talked about that just just a	
	177:4 minute ago?	
	177:5 A. Yes.	
	177:6 Q. And then number 6 is a history of	RK14.2.4
	177:7 superficial skin melanoma resected a few months ago.	
	177:8 Do you see that?	
	177:9 A. Yes.	
	177:10 Q. And what is is melanoma a type of	
	177:11 cancer?	
	177:12 A. Yes, it is.	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	177:13 Q. And what can you explain what type of	
	177:14 cancer it is?	
	177:15 A. It is a skin cancer mostly due to	
	177:16 excessive skin sun exposure.	
	177:17 Q. And so at the time that you were	clear
	177:18 investigating the the issues with that you	
	177:19 were seeing on the imaging, back in June of 2011,	
	177:20 you understood that several months ago he had at	
	177:21 least a prior history of some type of cancer?	
	177:22 A. Yes.	
	177:23 Q. And was that information, this prior	
	177:24 history of melanoma, important to you in any way in	
	177:25 your care and treatment of Mr. Pilliod?	
	178:1 A. Yeah, at that time it was important	
	178:2 because I was worried, could this be a melanoma	
	178:3 spreading to his bones?	
	178:4 Q. Uh-huh.	
	178:5 A. So, yes, that was pertinent at that time,	
	178:6 before the biopsy results.	
	178:7 Q. And I think you talked with counsel and he	
	178:8 asked you whether melanoma was associated with an	
	178:9 increased risk of lymphoma.	
	178:10 Do you remember talking about that with	
	178:11 counsel and you said you weren't aware of it?	
	178:12 A. I don't think there is any increased risk, 178:13 not that I know of.	
	178:13 Not that I know of. 178:14 Q. And I guess my only question is, have you	
	178:15 done an exhaustive literature search on that	
	178:16 recently?	
	178:17 A. Not recently.	
	178:18 Q. Okay. Were you aware at this time, in	
	178:19 June of 2011, that Mr. Pilliod had had other prior	
	178:20 skin cancers other than melanoma?	
	178:21 A. I can't remember if he had told me. I	
	178:22 don't see it in my notes. I can only go with my	
	178:23 notes from seven years ago.	
178:24 - 179:17	Raj, Kavitha 01-08-2019 (00:00:44)	RajFINAL.1
	178:24 Q. Fair enough.	
	178:25 And but but what we do know is that	
	179:1 ultimately, at the end of this workup, you were	

D	•	
Page/Line	Source	ID
	179:2 going to await a further biopsy that was scheduled	
	179:3 for a few days from then to biopsy a different area	
	179:4 so you could figure out, if you could, what type of	
	179:5 cancer or other process was going on?	
	179:6 A. So I think what what what had	
	179:7 happened was that biopsy was already scheduled but	
	179:8 he ended up having that compression fracture from	
	179:9 the lymphoma so he developed that acute pain. So we	
	179:10 had to admit him. And then we already knew that he	
	179:11 was scheduled for a biopsy in a couple days.	
	179:12 Q. Okay.	
	179:13 A. Yeah.	
	179:14 Q. So you were going to manage his pain along	
	179:15 with his potential infection and then await the	
	179:16 biopsy in a few days?	
	179:17 A. Correct.	
80:7 - 181:14	Raj, Kavitha 01-08-2019 (00:01:28)	RajFINAL.
	180:7 Q. All right. And with respect to	
	180:8 Exhibit 18, the first surgical pathology report, do	RK18.1
	180:9 you see that underneath the final diagnosis, it	58464
	180:10 talks about the the biopsy to the left iliac.	RK18.1.
	180:11 Do you see that?	
	180:12 A. Yes.	RK18.1.
	180:13 Q. And then in the line below that, at the	NK 10.1.
	180:14 end, it says, "Final diagnosis pending	
	180:15 consultation."	
	180:16 Do you see that?	
	180:17 A. Yes.	
	180:18 Q. And then immediately below that, it talks	RK18.1.
	180:19 about the pathologist's comment, and then it says,	
	180:20 "Report called to Dr. Raj on June 14, 2011."	
	180:21 Do you see that? 180:22 A. Yes.	
	180:22 Q. And so you would have been aware that	
	180:24 this is this is what the pathology report was as	
	180:25 of this day, but it's being sent out for another	
	181:1 review?	
	181:2 A. Correct.	
	181:3 Q. Okay. And then Exhibit 19, that's the	RK19.1
	181:4 review from other hematopathologists at Stanford; is	
	to the restore non-control non-acopacitologisto at oraniora, is	

-	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	181:5 that right?	
	181:6 A. Correct.	
	181:7 Q. Okay. And were you aware of this	
	181:8 pathology report when you were treating Mr. Pilliod?	
	181:9 A. Yes.	
	181:10 Q. Okay. And would you have seen do you	
	181:11 think would you have seen this pathology report	
	181:12 probably on June 17th when it came in or	
	181:13 thereabouts?	
	181:14 A. Yes, I I would think so.	
182:14 - 183:8	Raj, Kavitha 01-08-2019 (00:00:41)	RajFINAL.18
	182:14 Q. When you reviewed this pathology report	clear
	182:15 A. Okay.	
	182:16 Q and you're trying to figure out what to	
	182:17 do in terms of your care and treatment of	
	182:18 Mr. Pilliod, what did this all mean to you?	
	182:19 A. Okay. Well, we had a definitive diagnosis	
	182:20 that it is a diffuse large B-cell lymphoma. I	
	182:21 didn't have any questions about it so I knew that we	
	182:22 have a diagnosis and then we have to treat him.	
	182:23 Q. Okay. And are those results that it's a	
	182:24 DLBCL, are those important to your care and	
	182:25 treatment?	
	183:1 A. Very important.	
	183:2 Q. And why is that?	
	183:3 A. Because different types of lymphoma is	
	183:4 treated very differently. So it is important to	
	183:5 know the subtype of lymphoma.	
	183:6 Q. Okay. So how many how many different	
	183:7 subtypes of lymphoma are there?	
00.10 100.04	183:8 A. There are about, like, a hundred types.	RajFINAL.18
83:10 - 183:24	Raj, Kavitha 01-08-2019 (00:00:32)	haji mac.re
	183:10 A. But in general we talk about low grade,	
	183:11 high grade, and very high grade. And this is high	
	183:12 grade.	
	183:13 Q. I see. So there's hundreds of	
	183:14 different let me when you're thinking about	
	183:15 how to care for Mr. Pilliod, there's hundreds of	
	183:16 types of different hundreds of different types of	
	183:17 lymphoma out there, but you have to know the exact	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	183:18 type to know how to treat it because they can be	
	183:19 treated all very differently?	
	183:20 A. We pretty much pile in three groups, like	
	183:21 I said, low grade, high grade, or very high grade. 183:22 We kind of pile those different types of lymphomas	
	183:23 in three groups and we treat treat these three	
	183:24 groups separately, yes.	
184:7 - 184:20	Raj, Kavitha 01-08-2019 (00:00:32)	RajFINAL.188
	184:7 Q. In terms of your care and treatment of	
	184:8 Mr. Pilliod, to give him an accurate diagnosis, an	
	184:9 accurate treatment plan, and an accurate prognosis,	
	184:10 do you have to know the exact subtype of lymphoma	
	184:11 that you're talking about?	
	184:12 A. Yes.	
	184:13 Q. And does it matter? Do the details in	
	184:14 that regard matter?	
	184:15 A. Details of subtype of lymphoma does	
	184:16 matter.	
	184:17 Q. Do you try to make evidence-based	
	184:18 decisions when you're treating Mr. Pilliod and your	
	184:19 patients?	
	184:20 A. All the time.	
185:11 - 185:16	Raj, Kavitha 01-08-2019 (00:00:16)	RajFINAL.190
	185:11 Q. Okay. If you come back to Exhibit 19,	
	185:12 the the consultation pathology report from	
	185:13 Stanford, and you go to the second page, it's a	
	185:14 little bit it's a bit little hard to read, but do	RK19.2
	185:15 you see there's a chart in the top middle?	RAJ19.2.1
105.17 100.10	185:16 A. Yes.	DOIENAL 101
185:17 - 186:10	Raj, Kavitha 01-08-2019 (00:00:59)	RajFINAL.191
	185:17 Q. And you mentioned before, I think,	
	185:18 Epstein-Barr virus and that that was important to	
	185:19 you?	
	185:20 A. Correct.	
	185:21 Q. Is was Mr. Pilliod's tissue tested for	
	185:22 Epstein-Barr?	
	185:23 A. I think we're talking about two different	
	185:24 things. Epstein-Barr virus, we would all have	
	185:25 Epstein-Barr virus infection very likely, very 186:1 common viral infection. There are we talked	
	roo, r common virar mection. There are we taiked	
k i i i i i i i i i i i i i i i i i i i		
Plaintiff Designations	Monsanto Designations	Page 67/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	
	 186:2 about, I think, causality of lymphomas, Epstein-Barr 186:3 virus. This is more trying to look at stains to see 186:4 that in terms of prognosis. There was some studies 186:5 which say that EBV status can be used as 186:6 prognosticator in certain types of lymphoma. 186:7 So in my opinion, I don't think that added 186:8 any more information to me. But the other two tests 186:9 makes more like, adds more information to treat 	
186:11 - 186:21	186:10 him.	RajFINAL.192
100.11 - 100.21	Raj, Kavitha 01-08-2019 (00:00:26)	Haji MAL 132
	186:11 Q. And what did those so what did those	RAJ19.2.2
	186:12 tests add to you, if you can just quickly tell me? 186:13 A. Sure.	
	186:13 A. Sure. 186:14 The BCL1 being negative rules out a very 186:15 aggressive, like we talked about low grade, high 186:16 grade, very high grade, it rules out a very high	
	186:17 grade lymphoma.	
	186:18 Ki-67 also speaks for the aggressiveness	
	186:19 of the cancer. It shows it is high, but it is not	
	186:20 like super high, like 80 percent. It is high as	
	186:21 20 percent. So it's high.	5 5000 400
187:8 - 187:24	Raj, Kavitha 01-08-2019 (00:00:36)	RajFINAL.193
	187:8 Q. Okay. Hi, Dr. Raj, we're back on the	
	187:9 record. And I think when we left off you were	
	187:10 talking about the fact that this testing for BCL1	
	187:11 was important because a positive result there may	
	187:12 indicate some type of aggressive tumor; is that	
	187:13 right? 187:14 A. Correct.	
	187:15 Q. All right. And you also said that the	
	187:16 the Ki-67 is another test for the, for lack of a	
	187:17 better word, aggressiveness of the tumor?	
	187:18 A. Correct.	
	187:19 Q. And then in terms of the Epstein-Barr, do	RAJ19.2.3
	187:20 you see where the results are equivocal?	
	187:21 A. Correct.	
	187:22 Q. And what did that mean to you?	
	187:23 A. It means we can't say whether it's	
	187:24 negative or positive.	
187:25 - 188:6	Raj, Kavitha 01-08-2019 (00:00:19)	RajFINAL.194

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	D
		clear
	187:25 Q. Were there any thoughts that you know of	orear
	188:1 or can remember about testing this tissue for any	
	188:2 other viruses like HIV or anything like that?	
	188:3 A. Usually, anybody with lymphoma we test	
	188:4 them for HIV. That's a very standard protocol.	
	188:5 Hepatitis and HIV. It was tested. And he was	
188:7 - 188:10	188:6 negative.	RajFINAL.195
100.7 - 100.10	Raj, Kavitha 01-08-2019 (00:00:08)	haji mAL130
	188:7 Q. Okay. And at the end of the day, like you	
	188:8 said, all of this testing told you that he had a	
	188:9 DLBCL type lymphoma?	
188:11 - 188:17	188:10 A. Correct.	RajFINAL.196
100:11 - 100:17	Raj, Kavitha 01-08-2019 (00:00:21)	haji mac.190
	188:11 Q. And were you able to tell, based on your	
	188:12 care and treatment of Mr. Pilliod and the the	
	188:13 pathology, how quickly that lymphoma developed in	
	188:14 his body? When did it start?	
	188:15 A. I mean, this is a question I get asked all	
	188:16 the time. It's really hard to predict that. We can	
189:2 - 189:15	188:17 only guess.	RajFINAL.197
109.2 - 109.10	Raj, Kavitha 01-08-2019 (00:00:42)	haji macavi
	189:2 Q. Did Mr. Pilliod ask you when it started?	
	189:3 A. I don't remember if he had asked me. But	
	189:4 the majority of patients ask me that question.	
	189:5 Q. And in your habit and practice, if	
	189:6 Mr. Pilliod had asked you, what would you have told	
	189:7 him, based on all your findings here?	
	189:8 A. Like I said, it's hard to exactly say how	
	189:9 long it's been going on, but I would have told him	
	189:10 we're probably going on for months now.	
	189:11 (Whereupon, a brief discussion off the	
	189:12 record.)	
	189:13 BY MR. TOMASELLI:	
	189:14 Q. Months, not years?	
189:21 - 190:4	189:15 A. Correct.	RajFINAL.198
109.21 - 190.4	Raj, Kavitha 01-08-2019 (00:00:28)	
	189:21 But was there any anything in the	
	189:22 biopsy or histopathology or any of the any of the	
	189:23 testing that was done, imaging, whether it was CT or	
	189:24 MRI or PET scans, was there any diagnostic test of	
Plaintiff Designations	Monsanto Designations	Page 69/80

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	189:25 any kind that suggested to you that Roundup or some	
	190:1 pesticide was the cause or contributed to this	
	190:2 particular DLBCL?	
	190:3 A. Like I mentioned before, we don't	
	190:4 specifically test for anything like that.	
190:23 - 191:20	Raj, Kavitha 01-08-2019 (00:00:57)	RajFINAL.19
	190:23 I marked as Exhibit 20 a note from	RK20.1.1
	190:24 August 22nd of 2017.	
	190:25 Q. Do you see that?	
	191:1 A. Yes.	
	191:2 Q. This is indeed your note and your	
	191:3 follow-up with Mr. Pilliod; is that right?	
	191:4 A. Yes.	
	191:5 Q. And I think this is the last one we have	
	191:6 for you treating Mr. Pilliod. But are you aware, as	
	191:7 you sit here today, of any later visits?	
	191:8 A. I mean, I know that I've seen him a few	
	191:9 months ago but I mean, so this must be the most	
	191:10 recent.	
	191:11 Q. Your recollection is consistent with this	
	191:12 potentially being the last time you saw him?	
	191:13 A. Yes.	
	191:14 Q. Okay. And again, it looks like in the	DK004.0
	191:15 history of present illness, this now, Mr. Pilliod is	RK20.1.2
	191:16 "a 76-year-old gentleman who has a history of	
	191:17 stage IV diffuse large B-cell lymphoma and	
	191:18 hemochromatosis." And he's here for follow-up.	
	191:19 Do you see that?	
192:5 - 193:9	191:20 A. Yes.	RajFINAL.20
192.0 - 193.9	Raj, Kavitha 01-08-2019 (00:01:03)	BK20.1.3
	192:5 Next thing you write is, "He underwent six	THE STITE
	192:6 cycles of R-CHOP from June 2011 to October 2011 with	
	192:7 complete metabolic response."	
	192:8 Do you see that?	
	192:9 A. Yes.	
	192:10 Q. And as you noted with counsel, R-CHOP is	
	192:11 a a type of chemotherapy? 192:12 A. Yes.	
	192:13 Q. And with respect to Mr. Pilliod, it was	
	192:14 the standard of care for treating his DLBCL?	

Page/Line	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court Source	ID
rage/Enic	Course	
	192:15 A. Correct.	
	192:16 Q. But it's not necessarily the standard of	
	192:17 care for every single lymphoma?	
	192:18 A. Correct.	
	192:19 Q. All right. And did you actually prescribe	clear
	192:20 the R-CHOP for Mr. Pilliod?	
	192:21 A. Yes.	
	192:22 Q. All right. And do you recall where he	
	192:23 would have undertaken his chemotherapy?	
	192:24 A. In this office.	
	192:25 Q. Okay. Do you recall changing his	
	193:1 chemotherapy regimen at any time to something else?	
	193:2 A. I don't recall any changes.	
	193:3 And also my notes says that he has	
	193:4 received six cycles of R-CHOP. I would think that	
	193:5 I I would have noted it if I had changed	
	193:6 anything.	
	193:7 Q. If you did change it, it would likely be	
	193:8 noted in these records?	
101.10 101.17	193:9 A. Right.	
194:12 - 194:17	Raj, Kavitha 01-08-2019 (00:00:10)	RajFINAL.
	194:12 Q. All right. We discussed previously that	
	194:13 you noted in your records that Mr. Pilliod had a	
	194:14 seizure disorder prior to seeing you for the first	
	194:15 time.	
	194:16 Do you remember that?	
104:04 104:04	194:17 A. Yes.	RajFINAL.
194:21 - 194:24	Raj, Kavitha 01-08-2019 (00:00:06)	najrinaL.
	194:21 Q. Did did his seizure disorder in any way	
	194:22 impede your thought process to actually treating him	
	194:23 with chemotherapy?	
195:3 - 196:2	194:24 A. No.	RajFINAL.
190.0 - 190.2	Raj, Kavitha 01-08-2019 (00:01:09)	,
	195:3 Q. Yeah, did you have document, as far as you	
	195:4 can recall, whether Mr. Pilliod suffered any	
	195:5 seizures during his R-CHOP therapy in 2011?	
	195:6 A. I don't recall him having active seizures	
	195:7 during treatment.	
	195:8 Q. Did you ever do you recall ever	
	195:9 stopping Mr. Pilliod's R-CHOP chemotherapy because	

Page/Line	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court Source	ID
r uge/Enic	Gource	
	195:10 of any seizure or seizure disorder?	
	195:11 A. I don't recall anything like that.	
	195:12 Q. Did you were document, that you recall,	
	195:13 that you felt Mr. Pilliod's R-CHOP therapy somehow	
	195:14 exacerbated his seizure disorder or made it worse?	
	195:15 Do you recall documenting that?	
	195:16 A. I don't recall that.	
	195:17 Q. In this Exhibit 20, the second paragraph	
	195:18 under History of Present Illness, you talk about	
	195:19 that, "He continues to experience seizures and is	RK20.1.4
	195:20 being followed."	
	195:21 Do you see that?	
	195:22 A. Uh-huh. Yes.	
	195:23 Q. And the next the next sentence says	
	195:24 that, "He has had worsening aphasia, difficulty with	
	195:25 nouns and numbers since late 2017."	
	196:1 Do you see that?	
	196:2 A. Yes.	
196:15 - 196:24	Raj, Kavitha 01-08-2019 (00:00:19)	RajFINAL.
	196:15 You note that he had a complete metabolic	RK20.1.5
	196:16 response.	
	196:17 Do you remember that?	
	196:18 A. Yes.	
	196:19 Q. All right. And when you say that in	
	196:20 this note, that Mr. Pilliod had a complete metabolic	
	196:21 response from his R-CHOP therapy in 2011, what do	
	196:22 you mean?	
	196:23 A. That he had a complete response or	
	196:24 complete remission.	
198:2 - 199:11	Raj, Kavitha 01-08-2019 (00:01:25)	RajFINAL.
	198:2 Q. Now, to the second page where you have	
	198:3 your assessment, there's number 1, under Assessment,	RK20.2.3
	198:4 where you note that he had a PET scan in looks	
	198:5 like March of '18.	
	198:6 Do you see that?	
	198:7 A. Yes.	
	198:8 Q. And it showed some findings that I won't	
	198:9 try to pronounce. But it appears that in number 7,	
	198:10 you say that the "PET/CT showed no evidence of	
	198:11 disease."	

Page/Line	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court Source	ID
Fage/Line	Source	טו
	198:12 Do you see that?	
	198:13 A. In the first paragraph of my assessment?	
	198:14 Q. Right. So in the first paragraph of the	
	198:15 assessment you talk about a PET scan in March of '18	
	198:16 that had several findings to it.	
	198:17 Do you see that?	
	198:18 A. Right.	
	198:19 Q. Then in number 7 below	
	198:20 A. Uh-huh.	
	198:21 Q in your assessment, you say, "PET/CT	
	198:22 shows no evidence of disease."	
	198:23 Do you see that?	
	198:24 A. Yes.	
	198:25 Q. And my question to you is, in your care	
	199:1 and treatment of Mr. Pilliod, whatever has come up	
	199:2 on that March 2018 in terms of those findings	
	199:3 A. Uh-huh.	
	199:4 Q that did did that suggest to you	
	199:5 that there was active cancer?	
	199:6 A. No.	
	199:7 Q. Okay. And so even with those findings in	
	199:8 2018, you're still of the opinion at this point in	
	199:9 your care and treatment of Mr. Pilliod that he's in	
	199:10 complete remission?	
	199:11 A. Correct.	
200:3 - 200:6	Raj, Kavitha 01-08-2019 (00:00:10)	RajFINAL.
	200:3 Q. Okay. Since Mr. Pilliod completed his	clear
	200:4 chemotherapy in 2011, has Mr. Pilliod ever	
	200:5 experienced a recurrence of lymphoma?	
	200:6 A. No.	
200:11 - 200:24	Raj, Kavitha 01-08-2019 (00:00:35)	RajFINAL.
	200:11 Q. And in your care and treatment, I assume	
	200:12 that some of your patients, including Mr. Pilliod,	
	200:13 may ask you what his prognosis is, how he's going to	
	200:14 do in the future; is that right?	
	200:15 A. Yes.	
	200:16 Q. And obviously, people can have things like	
	200:17 skin cancer and encephalitis and high cholesterol or	
	200:18 other things that can impact their life in terms of	
	200:19 morbidity or mortality.	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	
201:9 - 201:17	 200:20 But from a lymphoma standpoint, what is 200:21 Mr. Pilliod's prognosis as of the last time you saw 200:22 him in 2018, considering he has not had a recurrence 200:23 of his DLBCL in seven-plus years? 200:24 A. Very good. Raj, Kavitha 01-08-2019 (00:00:25) 201:9 Q. In this note from August 22nd of 2018, 201:10 Exhibit 20, do you see any note in here that he 	RajFINAL.208
	 201:10 Exhibit 20, do you see any note in here that he 201:11 suffered from chemo brain at any time? 201:12 A. I mean, he has had multiple neurologic 201:13 symptoms, but I don't see that I have documented any 201:14 chemo brain in here. 201:15 Q. I guess that's my question. 201:16 Did you diagnose him with chemo brain? 201:17 A. I don't recall it. 	
202:24 - 203:5	 Raj, Kavitha 01-08-2019 (00:00:15) 202:24 Q. But I want to be very clear that there's 202:25 nothing that you've seen today, that's been put in 203:1 front of you, that suggests that you actually 203:2 diagnosed Mr. Pilliod with chemo brain; is that 203:3 fair? 203:4 A. I don't see anything on the notes that has 	RajFINAL.211
204:17 - 206:2	 203:5 been provided to me. Yeah. Raj, Kavitha 01-08-2019 (00:01:43) 204:17 Q. You talked with plaintiffs' counsel 204:18 earlier about how Mr. and Mrs. Pilliod were both 204:19 diagnosed with a subtype of lymphoma; is that right? 204:20 A. Correct. 204:21 Q. His was a systemic DLBCL; is that right? 204:22 A. Correct. 204:23 Q. Hers, on the other hand, was a primary CNS 204:24 lymphoma that was limited to the brain; is that 204:25 right? 205:1 A. Yes. 205:2 Q. Obviously Mr. and Mrs. Pilliod lived 205:3 together for many years prior to their lymphoma 205:4 diagnoses in 2011 and 2015, respectively, right? 205:5 A. Yes. 205:6 Q. And in each case, in each of them, they 	RajFINAL.212
	205:7 actually had a personal history of cancer prior to	

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	205:8 their diagnosis with lymphoma, right?	
	205:9 A. Yes.	
	205:10 Q. Mr. Pilliod had skin cancer, right?	
	205:11 A. Yes.	
	205:12 Q. And then ultimately had the lymphoma in	
	205:13 his bones and his lymph nodes, right?	
	205:14 A. Yes.	
	205:15 Q. On the other hand, Mrs. Pilliod had	
	205:16 bladder cancer, right? 205:17 A. Yes.	
	205:17 A. Tes. 205:18 Q. And then she's had a cancer that was	
	205:19 limited to her brain, correct?	
	205:20 A. Yes.	
	205:21 Q. So just in terms of the spots of cancer in	
	205:22 their bodies, they did not overlap, true?	
	205:23 A. Meaning? It is one cancer related to	
	205:24 other cancer; is that the question?	
	205:25 Q. Well, in terms of where the tumors were	
	206:1 located that were on imaging, they did not overlap?	
206:12 - 206:20	206:2 A. They're two different types of cancers.	RajFINAL.213
200.12 - 200.20	Raj, Kavitha 01-08-2019 (00:00:16) 206:12 Q. With respect to Mr. Pilliod and	
	206:12 G. With respect to Mr. Filliou and 206:13 Mrs. Pilliod, they're both at risk for additional	
	206:14 cancers as they age; is that right?	
	206:15 A. Yes, age is an important respecter for all	
	206:16 cancers.	
	206:17 Q. The longer you live, the greater chance	
	206:18 you have of getting cancer of any type in some part	
	206:19 of the body, right?	
	206:20 A. Yes.	D-STIMAL OF A
207:5 - 207:10	Raj, Kavitha 01-08-2019 (00:00:08)	RajFINAL.214
	207:5 Q. Dr. Raj, a couple of follow-up questions	
	207:6 from opposing counsel's questioning. 207:7 The first, there was some questions about	
	207:7 The first, there was some questions about 207:8 ulcerative colitis.	
	207:9 Do you recall that?	
	207:10 A. Yes.	
207:18 - 209:3	Raj, Kavitha 01-08-2019 (00:01:22)	RajFINAL.215
	207:18 Q. Was it a concern for you well, in your	
	207:19 treatment of Mr. and Mrs. Pilliod sorry of	
Plaintiff Designations	Monsanto Designations	Page 75/80

Dogo/Line	Courso	
Page/Line	Source	ID
	207:20 Mr. Pilliod, his ulcerative colitis, was that	
	207:21 something that you considered to have been a cause	
	207:22 of his non-Hodgkin's lymphoma?	
	207:23 A. I did not consider that at that time. Now	
	207:24 we're talking about the causality, like so much.	
	207:25 I'm just saying like any autoimmune disease could	
	208:1 make risk for lymphoma. I'm not, like, very aware	
	208:2 of the statistics of what is the risk for ulcerative	
	208:3 colitis or whatnot.	
	208:4 Q. Sure.	
	208:5 A. I don't know. I'm not aware of that.	
	208:6 Q. You are aware of other types of autoimmune	
	208:7 diseases that are generally associated with	
	208:8 non-Hodgkin's lymphoma?	
	208:9 A. Yes.	
	208:10 Q. Rheumatoid arthritis?	
	208:11 A. Correct.	
	208:12 Q. But and you've looked at literature	
	208:13 that relates to that, I'm sure?	
	208:14 A. At some point, I should have I must	
	208:15 have looked at it. I mean, I haven't looked at it	
	208:16 recently.	
	208:17 Q. Okay. And in your treatment of	
	208:18 Mr. Pilliod, did you research whether or not	
	208:19 ulcer ulcerative colitis was a potential risk	
	208:20 factor for NHL?	
	208:21 A. I don't think I researched it. We usually	
	208:22 worry about when someone is on immunosuppressive	
	208:23 therapy for autoimmune disease more than if they	
	208:24 have autoimmune disease. So it was not a red flag	
	208:25 for me at that time.	
	209:1 Q. And have you seen any evidence in your	
	209:2 review of Mr. Pilliod's medical records that he was	
09:7 - 210:22	209:3 receiving an autoimmune therapy?	RajFINA
.09.7 - 210.22	Raj, Kavitha 01-08-2019 (00:01:30)	naji ma
	209:7 Q. Yeah. Immunosuppressant therapy.	
	209:8 A. Not that I know of.	
	209:9 Q. Okay. There was questions about	
	209:10 meningitis.	
	209:11 Do you recall that?	

Monsanto Designations

Page/Line

Source

ID

		209:12 A. Yes.	
		209:13 Q. You've been treating Mr. Pilliod for,	
		209:14 gosh, over seven years now?	
		209:15 A. Yes.	
		209:16 Q. And in your entire time treating	
		209:17 Mr. Pilliod have you ever seen him experience	
		209:18 meningitis?	
		209:19 A. I don't think I have seen him have any	
		209:20 meningitis. This was all history from before.	
		209:21 Q. Yeah. And in discussion of the history of	
		209:22 his medicine did he ever say that he had had a	
		209:23 recurrence of it in the months leading up to his	
		209:24 diagnosis of NHL?	
		209:25 A. I think the most recent time when I saw	
		210:1 him, that's when he had his new symptoms of not able	
		210:2 to speak. He had, like, very pronounced neurologic	
		210:3 symptoms on exam. And that's why he was seen by	
		210:4 neurology at UCSF. And he was going undergoing	
		210:5 workup for that. So I don't know whether that's	
		210:6 related to any of his previous brain damage from any	
		210:7 of those infections.	
		210:8 But other than that, I am not aware of any	
		210:9 other history.	
		210:10 Q. Okay. So to be clear, then, in your	
		210:11 treatment of Mr. Pilliod, you never observed him	
		210:12 suffering from a flare-up of meningitis?	
		210:13 A. Correct.	
		210:14 Q. Okay. And so your understanding of his	
		210:15 meningitis history is based upon him telling you he	
		210:16 got it in the '70s and it had come back a couple	
		210:17 times?	
		210:18 A. Yes.	
		210:19 Q. Okay. Do you believe that Mr. Pilliod's	
		210:20 melanoma in any way was associated with the lymphoma	
		210:21 found in his bones?	
		210:22 A. No.	
	210:25 - 211:1	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.217
		210:25 Q. Can you turn to Exhibit 20.	RK20.1
		211:1 A. Yes.	
	213:25 - 214:17	Raj, Kavitha 01-08-2019 (00:00:37)	RajFINAL.218
۱.			

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
214:21 - 215:21		ID RK20.2.4 RajFINAL.224 clear

	RajFINAL-Raj, Kavitha 2019-01-08 Played in Court	
Page/Line	Source	ID
	215:17 minor stroke?	
	215:18 A. Correct.	
	215:19 Q. My understanding of chemotherapy is that	
	215:20 it puts an incredible strain on your cardiovascular	
	215:21 system; is that right?	
215:23 - 215:24	Raj, Kavitha 01-08-2019 (00:00:02)	RajFINAL.219
	215:23 THE WITNESS: It does. It can cause	
	215:24 damage to the heart muscle.	
216:18 - 217:13	Raj, Kavitha 01-08-2019 (00:00:46)	RajFINAL.222
	216:18 Q. The right person to ask about how his	
	216:19 brain has been affected or not affected by	
	216:20 chemotherapy, the person to ask would be	
	216:21 Mr. Pilliod?	
	216:22 A. His symptoms he would be able to tell	
	216:23 us more about his symptoms than anybody else. A lot	
	216:24 of times when you talk about neurologic disorders,	
	216:25 there's more subjective, like, symptoms than what we	
	217:1 can elicit in, like, scans and whatnot. So, yes, 217:2 usually patients tell us more.	
	217.3 Q. Okay. There was some questions about	
	217:4 Mr. Pilliod and even Mrs. Pilliod's prior history of	
	217:5 cancer.	
	217:6 Do you recall that?	
	217:7 A. Yes.	
	217:8 Q. And Mrs. Pilliod had a prior history of	
	217:9 bladder cancer; is that right?	
	217:10 A. Yes.	
	217:11 Q. Mr. Pilliod had a prior history of skin	
	217:12 cancer?	
	217:13 A. Yes.	
217:21 - 218:7	Raj, Kavitha 01-08-2019 (00:00:23)	RajFINAL.223
	217:21 Q. Let's start with Mrs. Pilliod.	
	217:22 Was her bladder cancer that she had in	
	217:23 2010 the same type of cancer as she got in her brain	
	217:24 in 2015?	
	217:25 A. No.	
	218:1 Q. Was was the kind of cancer that	
	218:2 Mr. Pilliod had on his skin the same type of cancer	
	218:3 that infected his his spinal system and bones?	
	218:4 A. No.	

RajFINAL-Raj, Kavitha 2019-01-08 Played in Court				
Page/Line		Source	ID	
	218:5 Q. Okay. Do you believe the 218:6 had anything to do with their 218:7 A. No.			
otal Time = 02	:00:29			
ocuments Sho AJ19 K13 K14 K15 K16 K18 K19 K20 K3 K4 K5 K6 K7 K8 K9	νwn			
Plaintiff Designations	Monsanto Designations		Page 80/80	