Page 1 1 IN THE COURT OF COMMON PLEAS OF CUYAHOGA COUNTY, OHIO 2 KEVIN KISS, a minor, by and 3 through his next friend 4 and natural mother, Anne Kiss, et al., 5 Plaintiffs, 6 Case No. vs. 7 ANDREAS MARCOTTY, M.D., 402393 8 et al., Defendants. 9 10 DEPOSITION OF GREGORY S. KOSMORSKY, D.O. 11 Monday, January 28, 2001 12 13 Deposition of GREGORY S. KOSMORKSY, D.O., a witness herein, called by the Plaintiffs 14 15 for examination under the statute, taken before me, Karen M. Patterson, a Registered Merit 16 Reporter and Notary Public in and for the State 17 of Ohio, pursuant to notice and stipulations of 18 19 counsel, at the offices of The Davis Eye Clinic, 789 Graham Road, Cuyahoga Falls, Ohio, on the day 20 21 and date set forth above, at 1:25 o'clock p.m. 22 23 24 25

Page 2 1 2 **APPEARANCES:** 3 On behalf of the Plaintiffs: 4 Becker & Mishkind Co., L.P.A., by JEANNE M. TOSTI, ESO. Suite 660 Skylight Office Tower 5 1660 West Second Street Cleveland, Ohio 44113 6 **(16)** 241-2600 7 On behalf of the Defendant Andreas Marcotty, M.D.: 8 Mazanec, Raskin & Ryder Co., L.P.A., 9 by D. CHERYL ATWELL, ESQ. 10 100 Franklin's Row 34305 Solon Road 11 Cleveland, Ohio 44139 (440) 248-790612 On behalf of the Defendant Cleveland Clinic 13 Foundation: 14 Roetzel & Andress, by ANNA CARULAS, ESO. 15 1375 East Ninth Street One Cleveland Center, Tenth Floor 16 Cleveland, Ohio 44114 (216) 623-0150 17 On behalf of the Defendant Signature Eye 18 Associates: 19 Ulmer & Berne LLP, by PAMELA E. LOESEL, ESO. 20 900 Bond Court Building 21 1300 East Ninth Street Cleveland, Ohio 44114 22 (216) 621-840023 24 25

	Page 3
1	GREGORY S. KOSMORSKY, D.O., of lawful age,
2	called for examination, as provided by the Ohio
3	Rules of Civil Procedure, being by me first duly
4	sworn, as hereinafter certified, deposed and said
5	as follows:
6	EXAMINATION OF GREGORY S. KOSMORSKY, D.O.
7	BY MS. TOSTI:
8	Q. Doctor, would you please state your
9	full name for us.
10	A. Gregory Stephen Kosmorsky.
11	Q. And your home address?
12	A. 460 Lassiter Drive, Highland Heights,
13	Ohio.
14	Q. Zip code?
15	A. 44143.
16	Q. Is that a single-family home?
17	A. Yes.
18	Q. And your current business address?
19	A. 789 Graham Road, Cuyahoga Falls,
20	44221.
2 1	Q. And at the time that you rendered care
22	to Kevin Kiss, what was your business address?
23	A. Cleveland Clinic Foundation.
24	Q. The main campus?
25	A. Yes.

Page 4 Ο. In July of **1998**, were you seeing 1 patients anywhere else besides the main campus of 2 Cleveland Clinic? 3 Α. No. 4 Q. 5 Who is your current employer? Charles Davis. Α. 6 Ο. And who was your employer at the time 7 that you rendered care to Kevin Kiss? 8 Cleveland Clinic Foundation. Α. 9 Q. When did you leave Cleveland Clinic 10 Foundation, your employment at Cleveland Clinic 11 Foundation? 12 The end of May of 2000. 13 Α. Q. What was the reason that you left? 14 MS. CARULAS: Note my objection. 15 Go ahead. 16 Better opportunity for my family. 17 Α. Ο. Aside from the professional services 18 that you provide for Charles Davis, do you 19 provide professional services for any other 20 entity? 21 Α. 22 No. Q, And in July of **1998**, aside from the 23 services that you provided for Cleveland Clinic 24 Foundation, professional services, did you 25

Page 5 provide services for any other entity? 1 Α. No. 2 Q. Have you ever had your deposition 3 taken before? 4 5 Α. Yes. Q. How many times? 6 7 Α. I don't recall. Q. Approximately, doctor. 8 Α. Ten. 9 Q. How many of those were in medical 10 negligence actions? 11 MS. CARULAS: Note my objection, and 12 we'll have a continuing line of objection. 13 Go ahead. 14 I don't specifically know. 15 Α. In what reference? Me as the Plaintiff's person or --16 Q. No. Just whether the case was a 17 medical negligence action that your deposition 18 was taken in. 19 I think they all were. 20 Α. Q. 21 Now, I want to go through some of the general instructions for deposition. I'm sure 22 counsel has had a chance to talk with you. This 23 24 is a question-and-answer session. It's under 25 oath, It's important that you understand my

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1	questions. If you don't understand my questions,
2	or if I've phrased them inartfully, let me know,
3	and I'll be happy to rephrase the question or to
4	repeat the question. Otherwise, I'm going to
5	assume that you understood my question and that
6	you're able to answer it.
7	It's important that you give all of
8	your answers verbally because our court reporter
9	cannot take down head nods or hand motions.
10	If at some point you would like to
11	refer to the medical records, please feel free to
12	do so.
13	During the course of this deposition,
14	one of the defense counsel may choose to enter an
15	objection. You're still required to answer my
16	question unless counsel instructs you not to ${f do}$
17	so. Do you understand those instructions?
18	A. Yes.
19	Q. Doctor, have you ever been named as a
20	Defendant in a medical negligence case?
2 1	A. Once.
22	Q. In that case, what was the allegation
23	of negligence?
24	A. Poor outcome after surgery.
25	Q. What type of surgery?

Page 7 1 Decompressive surgery of the orbits Α. 2 for thyroid eye disease. Q. Where was that case filed? 3 Cleveland Clinic. Α. 4 Q. Was it in Cuyahoga County? 5 I wouldn't be able to tell you that. Α. 6 Q. How was the case resolved? 7 Settled out of court. 8 Α. Q. When was that case in suit? 9 I don't recall. 10 Α. Ο. 11 Approximately how long ago? 12 Α. Ten years. Q. 13 Have you ever acted as an expert in a medical negligence proceeding? 14 15 Α. Yes. Q. How many times? 16 I would say about nine. 17 Α. Q. How many times for Plaintiff and how 18 many times for Defendant were you acting as a 19 medical expert? 20 21 I would have no way to recall that. Α. Q. 22 You don't recall whether you were testifying for a Defendant or a Plaintiff in the 23 24 case? 25 Α. It was always with the Cleveland

Page 8 Clinic, with the lawyers there asking me 1 I don't -- I have no specific 2 questions. recollection of who is Plaintiff or who is 3 Defendant. 4 5 Ο, On the case where you were named as a Defendant, do you recall the Plaintiff's name in 6 7 that case? 8 Α. No, I do not. Q. In the cases where you acted as a 9 medical expert, was Cleveland Clinic one of the 10 parties in the case? 11 At all times. 12 Α. Q. Have you ever given testimony in any 13 case involving issues dealing with vision loss 14 15 from papilledema? Α. I don't specifically recall. I can't 16 recall. 17 MS. ATWELL: I'm going to interject. 18 I presume, when you said cases, you meant 19 medical/legal cases? 20 MS. TOSTI: Yes. T think we said 21 testimony. I don't know of any other case he 22 would be --23 MS, ATWELL: I missed that word. 24 25 Sorry.

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Page 9 Ο. Have you ever given testimony in any 1 case involving vision loss after a fenestration 2 of a cyst or shunting procedure? 3 Α. No. 4 Ο. Now, doctor, you are licensed to 5 practice medicine in the State of Ohio; is that 6 7 correct? 8 Α. Correct. Q. And were you so licensed at the time 9 that you rendered care to Kevin Kiss? 10 Α. 11 Yes. Are you licensed in any other states? 12 Ο. Α. No. 13 Q. Have you ever been? 14 Α. 15 Yes. 0. What other states? 16 Pennsylvania and Missouri. 17 Α. Has your license in Ohio or any other 0. 18 state been suspended, called into question, 19 revoked? 20 21 Α. No. 22 Ο. Now, doctor, are you board certified in any areas of medicine? 23 Α. Yes. 24 25 Q. What areas are you board certified

Page 10 in? 1 Adult neurology and ophthalmology. 2 Α. Q. When did you receive your 3 certification in adult neurology? 4 5 Α. 1985, I believe. Q. When did you receive certification in 6 ophthalmology? 7 Α. I think it was 1988. 8 Q. Did you pass both of those 9 certifications on the first try? 10 11 Α. Yes. Ο. Where do you currently have hospital 12 13 privileges? Cuyahoga Falls Hospital, Akron City, 14 Α. 15 Akron General, St. Thomas, and the Cleveland Clinic. I'm a consultant for radiology. 16 Q. 17 I'm sorry, I didn't hear the end of what you said. 18 Consultant for the radiology 19 Α. 20 department. Q. The hospital privileges that you 21 mentioned, are those admitting privileges? 22 23 Α. Yes. 24 Ο. How about at Cleveland Clinic, do you have admitting privileges at Cleveland Clinic? 25

Page 11 I don't think so. 1 Α. 2 Q. In regard to the consulting that you do for radiology at Cleveland Clinic, what is it 3 that you are consulting on? 4 5 Α. For specific -- a specific type of 6 surgery. 7 Q. What type of surgery? Repair of a cavernous dural fistula 8 Α. 9 through an orbitotomy approach. Q, 10 Is that something that they're doing a 11 research study on? 12 Α. No. 13 Q, So they --It's a service that I had provided at 14 Α. the Clinic while I was on staff but no one else 15 can do. 16 Q. 17 How is it that you have particular expertise in that area? 18 Through my training. 19 Α. Q. Is that a surgery that you have 20 21 participated in? 22 Α. Many times. Q. 23 Now, at the time that you rendered 24 care to Kevin Kiss, where did you have hospital 25 privileges?

Page 12 At the Cleveland Clinic. Α. 1 Q, 2 Have your hospital privileges ever been called into question, suspended or revoked? 3 Α. No. 4 Q. In July of **1998**, did you hold any 5 administrative positions with the Cleveland 6 Clinic? 7 8 Α. No. (Interruption.) 9 Α. I just got you a portion of my CV, if 10 that's what you wanted. I didn't put any of the 11 12 papers. MS. TOSTI: I would request a complete 13 copy of his curriculum vitae with publications, 14 or whatever other materials. 15 THE WITNESS: I can do that. T can 16 print it out for you before you leave. If you'd 17 like that now, I can just have it printed. 18 MS. TOSTI: That would be helpful, 19 20 because then if I have further questions, we can do that before we terminate the deposition. 21 (Discussion off the record.) 22 Q. Doctor, you served a residency in 23 ophthalmology at the Cleveland Clinic Foundation; 24 25 is that correct?

Page 13 Yes. 1 Α. I have only the beginning portion of 2 Q. your curriculum vitae at this point in time. 3 In regard to grants, you have indicated ischemic 4 optic neuropathy decompression trial. Is that 5 grant still pending currently? 6 No. It's been terminated. 7 Α. Q. Was that a study that you were 8 involved in? 9 10 Α. Yes. Ο. 11 What did that study involve, just in general terms? 12 13 The assessment of a type of surgery Α. called an optic nerve sheath fenestration on the 14 effects of ischemic optic neuropathy. 15 Q. Is that a type of surgery that you 16 perform or have performed in your practice? 17 18 Α. Yes. Q. 19 Doctor, I'm going to have some additional questions in regard to your curriculum 20 vitae, but I want to have an opportunity to look 21 at it, so I'm going to skip by those things and 22 23 we'll go back to them when your curriculum vitae is available. 24 Have you ever taught or given formal 25

Page 14 presentations on the subject matter of 1 papilledema? 2 Α. Yes. 3 Ο. Do you have any of those presentations 4 that have been reduced to a written form, 5 videotape, audiotape? 6 7 MS, CARULAS: Note my objection. Α. I have lectures that I have on -- that 8 are in the form of 35 millimeter slides. 9 Q. Is that something that we would be 10 able to get copies of if I requested them? 11 12 MS. CARULAS: Note my objection. Ι don't think that's appropriate to go and request 13 his 35 millimeter slides. I mean, that's 14 something you can do later, if you want to put a 15 request in to me, but if you want to --16 MS. TOSTI: I'm not requesting them at 17 this particular moment, if that's what you think. 18 Q. But those are available; you have 35 19 millimeter slide presentations on papilledema 20 that you have done? 21 22 Α. T think I have them downstairs. Q. Do you have any syllabus or handouts 23 from those presentations that you've done on 24 25 papilledema?

Α. No. Q . How many slide presentations do you have on that subject? On papilledema? Α. Q. Yes. Α. Just one. Here you go. (Thereupon, PLAINTIFFS' Deposition Exhibit 1 was mark'd for purposes of identification.) Q. Doctor, in regard to what has been marked as Plaintiffs' Exhibit 1, would you identify what that document is for us, please. That's my curriculum vitae. Α. Q. Is it current and up-to-date? Α. No. Only up until 1999. Q. Are there any additions or corrections that you would like to make to it? Well, I really hadn't planned to Α. update it past **1999** because my academic career is not primary in my life any longer. So I have other papers that I've published in the meantime, but I'm not really going to add them.

Q. Well, doctor, any of those additional

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Page 16 papers, do they have to do with papilledema? 1 2 Α. I don't think so. Q. Any have to do with increased 3 intracranial pressure? 4 5 Α. Yes. Q, Can you tell me what the ones that do 6 not appear on your curriculum vitae that deal 7 with increased intracranial pressure are? 8 I'm writing a chapter on pseudotumor 9 Α. cerebri for Neurosurgical Clinics of America. 10 11 Q. Has that actually been submitted for publication? 12 Not as of this moment. Α. 13 Q. 14 Do you know when it is supposed to be published? 15 Α. No, I do not. 16 Q, Any other publications that do not 17 appear on your vitae? 18 I'd have to go and check, actually. 19 Α. Ι don't really know. I know there are, but I don't 20 21 know what they are. 22 Ο. Can I see the CV? Doctor, you have a lecture and presentation that's entitled Delaware 23 24 Valley Medical Center, Langhorn, Pennsylvania, 25 August 19, 1988, on papilledema and transient

Page 17 vision loss. Do you have any type of written 1 2 materials, slides or other materials from that particular presentation? 3 It's the same one that I noted before. Α. 4 Q. Doctor, on your curriculum vitae, do 5 any of the publications that are listed on here 6 deal with the subject matter of papilledema? 7 I would have to go back and look. Α. 8 Q. I'm going to ask you to take a look 9 through these, and I would also ask that any of 10 them that you feel deal with the subject matter 11 of papilledema, that you would put a checkmark 12 next to it or circle the number. 13 (Doing as requested.) 14 Α. Q. 15 Doctor, would you tell me what you have reviewed in preparation for this 16 deposition. 17 My note dated July 22, 1998. Α. 18 Q. Have you reviewed any other medical 19 records of Kevin Kiss aside from the pages that 20 involved your care? 21 No, I have not. 22 Α. 23 Q. And I'm just going to run through a couple things. Have you seen any records from 24 the rest of the outpatient department visits that 25

Page 18 he's had? 1 2 No, I haven't. Α. Q. Anything from any of his inpatient 3 Cleveland Clinic admissions? 4 5 Α. No, I haven't. Q. 6 Or any records from providers that cared for Kevin Kiss outside of the Cleveland 7 8 Clinic care? 9 Α. No. Q. 10 Have you referred to any textbooks or 11 articles in preparation for this deposition? 12 Α. No. 13 Q. Any of your own articles? 14 No. Α. 15 Q. Have you reviewed the deposition of Dr. Mark Luciano? 16 17 Α. No. 18 Q . And since the filing of this case, 19 have you discussed this case with any physicians? 20 21 Α. No. Q. 22 Other than with counsel, have you 23 discussed it with anyone else? Α. 24 No. 25 Q. And aside from the clinical notes in

	Page 19
1	the Cleveland Clinic medical records from your
2	visit on July 22nd of 98, do you have any other
3	personal notes or personal file on this case?
4	A. No.
5	Q. Have you ever had a separate
6	correspondence file dealing with Kevin Kiss aside
7	from notes that appear in the Cleveland Clinic
8	records?
9	A. No.
10	Q. Doctor, is there a textbook in your
11	field of practice of ophthalmology that you
12	consider to be the best or the most reliable?
13	A. Let me back up. I did send one note
14	that ${\tt I}$ recall seeing to who was it to?
15	Luciano or I did see a note that I sent to
16	someone, a brief note, but I don't remember.
17	MS. CARULAS: There's the one letter.
18	A. One letter.
19	Q. That's contained in the medical
20	records, though; correct?
21	A. Yes. You meant separate from that?
22	Q. Yes.
23	A. No.
24	Q. Back to my question. In regard to
25	your field of ophthalmology, is there a textbook

Page 20 that you feel is the best or most reliable in 1 2 that field? MS. CARULAS: Just note my objection. 3 4 Α. Ophthalmology? Q. 5 Yes. It's such a broad field. Τn 6 Α. 7 neuro-ophthalmology, it would be Walsh and Hoyt. Q, Do you refer to that book from time to 8 time in your practice? 9 10 Α. Yes. Q, Do you consider it to be an 11 authoritative text? 12 MS. CARULAS: Note my objection. 13 Go ahead. 14 Α. Yes. 15 Q. As you sit here today, are there any 16 publications that you feel have particular 17 relevance to the facts of this case? 18 I couldn't recall them. Α. 19 Q. Well, I'm just interested in whether 20 21 there's one at this point that you feel has particular relevance. 22 I don't know. Α. 23 24 Q. Doctor, could you describe your 25 practice for me as it is today.

Page 21 It's a combination of general 1 Α. 2 ophthalmology and neuro-ophthalmology. Q. And in 1998 was your practice similar 3 to that also? 4 Α. Yes. 5 Q. How does neuro-ophthalmology differ 6 from general ophthalmology? 7 In essence, in the sorts of diseases 8 Α. it takes care of and the special training it 9 takes to do that. 10 Ο, What type diseases would a 11 neuro-ophthalmologist involve themselves with? 12 And I'm just thinking of general categories, that 13 a general ophthalmologist would not. 14 15 Α. Papilledema, transient visual loss, ischemic optic neuropathy, diplopia, nystagmus, 16 the unusual looking optic nerve, unexplained 17 visual loss, functional visual loss, lid 18 abnormalities, pupil abnormalities. 19 Now, doctor, currently in your Ο. 20 practice, are you doing surgical procedures? 21 Yes. 22 Α. Ο. Was that also true in 1998? 23 Α. 24 Yes. Q. What is the area called where the 25

Page 22 optic nerve enters the eyeball? 1 2 Α. It's variously known, but I think I refer to it as the neuro-optic junction. 3 Q, 4 Is it also called the optic papilla? Not technically. The optic papilla is 5 Α. what you see on the inside of the eye. 6 7 Ο, What you can see on the inside of the eye, is that also sometimes referred to as the 8 optic disc? 9 10 Α. Yes. Q. 11 What is papilledema? It's a swelling of the optic nerve. 12 Α. Q. And what usually causes that to occur 13 when it does occur? 14 MS. CARULAS: Note my objection. 15 It's an awfully broad question. 16 17 Α. There's a huge list. It's an enormous list. 18 Q, When papilledema is present, is it 19 usually bilateral? 20 Yes. 21 Α. Q. Is papilledema and disc edema the same 22 23 thing? 24 Α. Depends on who you talk to. Disc edema is a more broad designation. That means 25

Page 23 the optic nerve could be swollen from causes 1 other than a raised intracranial pressure. 2 Q. When you refer to papilledema, does 3 that indicate that it is swollen, the optic nerve 4 is swollen, due to increased intracranial 5 6 pressure? That's how I use the term. 7 Α. MS. CARULAS: Objection. 8 That's how I use the term. 9 Α. Q. When you use the term "papilledema," 10 you're referring to swelling that occurs in the 11 12 optic nerve from increased intracranial 13 pressure? 14 Α. Or presumed increase, yes. Q. Now, I think you indicated previously 15 that in your practice you do see patients that 16 have papilledema. 17 Α. Yes. 18 Q. Approximately how often do you see 19 patients with that particular diagnosis? 20 New patients or followup? 21 Α. Q. 22 Well, in a week's time or a month's time, how many patients would you see with that 23 24 diagnosis? Half dozen. 25 Α.

		Page 24
1	Q .	Have you had patients referred to you
2	for evalua	tion, management and followup for
3	papilledem	a?
4	Α.	Yes.
5	Q.	And when you were employed by the
6	Cleveland	Clinic, did you have such referrals?
7	Α.	Yes.
8	Q .	How is papilledema diagnosed?
9	Α.	By observation.
10	Q .	When you say observation, is that
11	through a	funduscopic exam of the eye
12	Α.	Yes.
13	Q .	using an ophthalmoscope?
14		Now, as you look at the internal
15	structures	of the eye, what is it that tells you
16	that papil	ledema is present? What do you look
17	for as a p	hysician as you're examining those
18	internal s	tructures?
19	Α.	An elevation of the optic nerve.
20	Q.	Anything else?
21	Α.	There are numerous other things that
22	you can lo	ok for.
23	Q.	Well, if you would just describe for
24	me what th	ose are.
25	Α.	Congestion of the blood vessels on the

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Page 25 surface of the disc, an interpretation that the nerve -- each of what are called ganglia and cells are swollen and they're simply being pushed up from behind. You can see hemorrhages, you can see what are called cotton wool spots or little infarcts on the disc. You can see serous retinal detachment, you can see the choroidal vascular

see what are called cotton wool spots or little 5 infarcts on the disc. You can see serous retinal 6 7 detachment, you can see the choroidal vascular membrane growing up through the optic nerve or 8 around the optic nerve. There are lots of 9 clues. You can see optic pseudodrusen. 10 Q. Is there any system used to grade the 11 severity of the papilledema? 12 13 Α. There is no set system. Everyone has their own, based on their experience. 14 Q . Based on your experience, are there 15 different grades or levels of papilledema? 16 Α. That's one way to characterize 17 Yes. it. 18 Q. What do you use to describe it? 19 A zero to four plus scale. 20 Α. Q. What would a zero be? 21 MS. CARULAS: If I may, and I think 22 I've been pretty patient as we've gone along 23 here, Dr. Kosmorsky is here to talk about his 24 particular involvement on July 22nd, 1998, and I 25

Page 26 do not believe that there was, per se, a finding 1 of papilledema at that time that would be 2 relevant to his examination. 3 4 And so I quess my question is, you know, this is not something that perhaps should 5 be addressed to Dr. Marcotty as opposed to Dr. 6 7 Kosmorsky. I think we're getting a little bit 8 astray. MS. TOSTI: I believe that **I** do have a 9 right to inquire of the doctor in regard to the 10 papilledema since a portion of his impressions 11 dealt with that particular diagnosis in Kevin 12 Kiss's case. So I will proceed with that, with 13 14 your objection noted. MS. CARULAS: Well, I want to work 15 here together so that, you know, obviously we can 16 17 accomplish this. I'm going to continue to 18 MS. TOSTI: ask him these questions, because I have a right 19 to know what his knowledge and experience is with 20 2 1 this particular diagnosis, since that's the diagnosis that was apparently given to Kevin 22 Kiss. 23 24 MS. CARULAS: I think you're entitled 25 to ask him what his impression is. I'm not sure

Page 27 you're entitled to ask him about questions as 1 2 they perhaps relate to anyone. I have a right to inquire 3 MS, TOSTI: 4 as to his knowledge and experience in regard to 5 this patient, and I will continue with that. Your objection noted. 6 MS. CARULAS: As it seques into this 7 particular visit as of July 22. I'm just telling 8 9 you, I'm going to let you go to a certain 10 extent. We may have to cut this off if I think 11 it's getting too far astray. 12 Q. Doctor, mechanically, how does increased intracranial pressure lead to 13 papilledema? 14 15 Α. That's the topic of a very long discussion; it would require a lot of knowledge 16 17 of anatomy and physiology, and I don't think we really need to get into that. That's a very 18 detailed question. It sounds simple on the 19 surface. It's a lot more difficult. And I 20 simply would have to teach you a lot of things 21 22 for background before you even would begin to 23 understand it. Is a finding of papilledema cause for 24 Q. concern in a patient? 25

Page 28 MS. CARULAS: Objection. Now what 1 2 you're getting into is issues of standard of care that did not face this particular gentleman in 3 his care and treatment of this patient. I'm here 4 and he is here to talk at length about his 5 evaluation and treatment. Now what you're 6 attempting to do is make him an expert in this 7 He is not here as an expert; I've not 8 case. identified him as an expert, and it's not fair to 9 him. 10 Q. 11 Doctor, your impressions of Kevin Kiss, when you examined him on July 22nd, 1998, 12 were optic atrophy both eyes secondary to 13 14 papilledema, which is resolved; correct? 15 Α. Yes. Ο. Is a finding of papilledema cause for 16 17 concern? MS, CARULAS: Objection. It's not an 18 appropriate question for this particular witness. 19 Q. 20 You may answer, doctor. It depends upon the situation. 21 Α. 22 Sometimes it's -- when it's first seen, it deserves evaluation. 23 Q. Are there complications associated 24 with papilledema? 25

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Page 29 MS. CARULAS: Note my objection. 1 2 Α. There may be. Q, Is it true that blindness may result 3 from persistent papilledema? 4 MS. CARULAS: Objection. Again, very 5 6 broad. As a general statement, that is true. 7 Α. Q, What is optic atrophy? 8 Α. That is injury to the optic nerve. 9 Q. Is it actually death of optic nerve 10 fibers? 11 Yes. Α. 12 Q. Isn't it true that prolonged or 13 persistent papilledema can in some instances 14 cause optic atrophy and vision loss? 15 MS. CARULAS: Objection. 16 Α. In a general sense, yes. 17 Is optic atrophy something that Q. 18 generally occurs over a period of time? 19 MS. CARULAS: Note my objection. Τf 20 you're able to answer that without specifics. 21 Α. That requires a specific situation to 22 23 answer that. Q. Does it sometimes occur with an acute 24 immediate result, optic atrophy? 25

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1	MS. CARULAS: Just note my objection.
2	A. In general, it takes six weeks to
3	occur.
4	Q. Does the risk of optic atrophy
5	increase with the duration of papilledema?
6	MS. CARULAS: Note my objection. If
7	you're able to answer that in a general way.
а	A. In a general sense, that's the
9	presumed that's an observation that's been
10	made.
11	Q. Now, doctor, when optic atrophy
12	occurs, are there any visible changes that you
13	can see as a practitioner when you do an internal
14	examination of the eye?
15	A. Could you restate that?
16	\mathbb{Q} . When there is optic atrophy and you do
17	an internal examination of the eye, can you see
18	any changes in the internal structures of the eye
19	that would indicate to you or would be consistent
20	with optic atrophy?
21	A. Change in the color of the optic
22	nerve.
23	Q. And there are usually blood vessels, I
24	believe, that are visible in the disc area. Are
25	there any changes in the blood vessels when optic

Page 31 atrophy occurs? 1 2 Α. They may occlude. Ο. Now, when there is vision loss as a 3 4 result of persistent papilledema, what portion of the vision is lost first? 5 That's an it-depends situation. Α. What 6 specifically do you have in mind? 7 Q, With persistent papilledema, is 8 peripheral vision usually what is lost first? 9 10 MS, CARULAS: Note my objection. Go ahead. 11 12 Α. In a general sense, yes. Q. And with persistent papilledema that 13 results in vision loss, is the vision loss a 14 progressive type where there would be some vision 15 loss, and then that vision loss would increase as 16 17 the papilledema persists? That really depends on the underlying 18 Α. cause. 19 Q. If it's due to increased intracranial 20 21 pressure. MS. CARULAS: Note my objection. 22 That still depends what the Α. 23 characteristics of the pressure are, when it 24 25 began, how high it is, what the spikes are. Α

Page 32 lot of it is it-depends. 1 2 Q. Can it be progressive, though, the vision loss? 3 MS, CARULAS: Objection. 4 You can imagine a situation where it Α. 5 would be. 6 Ο. And when persistent papilledema is 7 present, how is that treated? And we'll limit it 8 to persistent papilledema due to increased 9 10 intracranial pressure. MS. CARULAS: Wait a minute. 11 Now 12 you're getting specifically into an issue of standard of care that has nothing to do with this 13 gentleman's care. It's inappropriate in this 14 setting. He wasn't there, he didn't evaluate the 15 patient and so forth. 16 17 MS, TOSTI: I didn't ask him anything about the patient. I'm asking him in general as 18 to how persistent papilledema is treated; that 19 is, papilledema that's caused by increased 20 21 intracranial pressure. Q. So I'm asking you, doctor, as to your 22 knowledge and background, how that is treated. 23 24 MS. CARULAS: It would be my quess, 25 however, that you are thinking about linking it

Page 33 to this case. 1 I prefer you not guess. 2 MS. TOSTI: This is my question, and I'm asking the question 3 as it's --4 MS. CARULAS: I was being facetious. 5 б Obviously, you are attempting to tie this into 7 this particular case. He is here to talk about his involvement, his examination and so forth. 8 9 Now you're getting into an issue of standard of care. We're not going to let you go. 10 I have a right to delve 11 MS. TOSTI: into this doctor's knowledge and background as to 12 the treatment, as to his knowledge about 13 papilledema, and how it relates to optic 14 atrophy. 15 16 He has indicated his impressions are that this child had optic atrophy secondary to 17 papilledema, and, therefore, I have a right to go 18 19 into his knowledge about this particular disease entity. Now, that's what we're questioning 20 about, his knowledge, at this point, and I would 21 ask that you answer my question, doctor. 22 23 MS. CARULAS: 1 disagree. I mean, I have had specific rulings from a number of courts 24 that say you cannot just pull someone out of 25

	Page 34
1	their setting and what they did and attempt to
2	bring them in as an expert witness. I mean,
3	we've been very patient, all of us, in letting
4	you ask general questions of this man. You have
5	never even gotten into the point of what
6	MS. TOSTI: Your objection is noted on
7	the record, and if the Court wants to rule on it,
8	they can, but I'm going to continue with my
9	questions.
10	MS. ATWELL: I'm going to join in the
11	objections.
12	MS, LOESEL: So am I.
13	MS. CARULAS: The point is here, and ${\tt I}$
14	don't want to get into a situation where we have
15	to go fight with motions and so forth, what she
16	is asking you here is to give an opinion as far
17	as the care that was rendered in this case when
18	you weren't there.
19	MS. TOSTI: I have not directed my
20	question whatsoever to the care rendered in this
21	case. I have asked a general question in regard
22	to diagnosis. I have not related it to this
23	particular patient.
24	MS. CARULAS: My point here is it's
25	inappropriate, number one. I can instruct him

Page 35 not to answer and we can go and fight this in the 1 2 court, if you want to do that. MS, TOSTI: I don't believe that you 3 have any basis to instruct him not to answer my 4 question. However, that is up to you, whether 5 you want to do it, if you think that you have 6 legal grounds to tell this doctor and instruct 7 him that he cannot answer my question. 8 9 He has rendered care to this child, he 10 has rendered impressions as to the child's diagnosis, and I have a right to delve into his 11 knowledge and experience in regard to those 12 13 particular diagnoses: papilledema and optic atrophy, and, therefore, I will continue to ask 14 those questions. 15 MS. LOESEL: Are you asking him to 16 render an opinion with regard to his diagnosis at 17 the time that he saw the patient? 18 MS. TOSTI: I am asking him the 19 20 question that **I** asked him, and, Karen, if you would please read that back to me, the last 21 question. 22 (Record read.) 23 Q. My question to you is: 24 How is persistent papilledema that is the result of 25

Page 36 increased intracranial pressure treated? 1 MS. LOESEL: Objection. 2 Objection. 3 MS. ATWELL: MS, CARULAS: Note my objection. In 4 what setting? 5 In any setting. 6 MS. TOSTI: I'm asking him just generally what are the options 7 available. I haven't given him anymore specifics 8 9 than that. MS. CARULAS: How does that apply to 10 his July 22 care? 11 Q, Doctor, do you understand my 12 question? 13 14 Α. Yes. Q. Would you answer it. 15 Objection. MS, LOESEL: 16 MS. ATWELL: Objection. 17 THE WITNESS: Should 1 answer it? 18 MS. CARULAS: My point is, and I do 19 20 have basis to instruct you not to answer it, because he is here to talk about his only 21 22 involvement, one day, and -- let me just finish for the record here -- and he was not asked to 23 treat persistent papilledema. 24 Now, if you have a particular opinion 25
Page 37 1 on that that you care to share here, you can do 2 that. But the point is, 1 mean, he's here to talk strictly about his involvement, and that's a 3 question that has nothing to do with his 4 involvement. 5 6 Q. Do you understand my question, 7 doctor? 8 Α. Yes. Would you answer it, please. 9 Q. Α. I have to ask counsel whether I 10 11 should. 12 MS. CARULAS: Let's step out for a 13 second. (Discussion off the record.) 1415 MS. TOSTI: Would you read back my 16 last question. (Record read.) 17 MS. CARULAS: Note my objection. 18 19 Α. The answer depends upon the specific 20 situation. If you had cor pulmonale, you would treat that first. If you had a metabolic 21 acidosis, you would treat that first. If you had 22 a drug, an offending drug, like vitamin A on 23 tetracycline or doxycycline or nalidixic acid, 24 25 any one of hundreds of drugs that could do that,

Page 38 you would stop the offending drug. If you had 1 any reason to believe there was a mass lesion, 2 you would remove the mass lesion. If you had 3 subarachnoid hemorrhage, you would treat the 4 underlying aneurysm or dural fistula or vascular 5 malformation; if you had any one of a number of 6 things. It just depends on what the underlying 7 etiology is. 8 9 Q. All of those things you just mentioned could cause increased intracranial pressure? 10 They may, in specific circumstances, 11 Α. 12 yes. Q. Is Diamox ever used to treat 13 14 papilledema? Diamox is a drug that has been used to 15 Α. treat papilledema. 16 Q. In persistent papilledema in which 17 medical intervention has not worked, is optic 18 19 nerve sheath fenestration sometimes used to treat papilledema? 20 MS. CARULAS: Note my objection. 21 Go ahead. 22 In some instances, people would **do** an 23 Α. 24 optic nerve sheath decompression. 25 Q. Have you done that in some instances,

Page 39 1 doctor, for patients that you have cared for? MS. CARULAS: Note my objection. Go 2 ahead. 3 T have. Α. 4 Ο. Doctor, when a patient has 5 papilledema, is it important to continue to 6 7 monitor the papilledema to see if whatever treatment is chosen is resolving the problem? 8 9 MS. LOESEL: Objection. MS, ATWELL: Objection. 10 11 MS. CARULAS: Note my objection. Now I'm going to instruct him not to answer. You're 12 asking him a standard of care question which has 13 nothing to do with his involvement in this case. 14 Doctor, what is visual field testing? Q. 15 Visual field testing is done by 16 Α. various sorts of mechanisms, but it's basically 17 an attempt to evaluate what a person sees in the 18 19 periphery. Q. And how do you go about doing visual 20 21 field testing? Depends on the methodology. 22 Α. Q. How do you do it? 23 MS, CARULAS: Note my objection, but 24 qo ahead. 25

Page 40 We have automated Humphrey perimeters. Α. 1 Q . 2 What is sequential visual field testing? 3 4 Α. Sequential. MS. CARULAS: Note my objection, but 5 go ahead. 6 7 Α. As a specific test? I'm not sure. Q. Have you ever heard of sequential 8 visual field testing? 9 You simply mean doing them in 10 Α. sequence, one after the next? 11 Q. 12 Yes. Α. Sure. 13 Q. Do you use that sometimes to evaluate 14 patients that have an ongoing vision problem? 15 MS. CARULAS: Objection. 16 Α. 17 I have in the past. Q, Is sequential visual field testing 18 helpful in monitoring a patient with persistent 19 20 papilledema? 21 MS. ATWELL: Objection. 22 MS. LOESEL: Objection. MS. CARULAS: Objection. 23 24 Α. In the general sense, it could be. Q. 25 Have you used it in your practice to

Page 41 monitor patients that have persistent 1 2 papilledema? Objection. MS. LOESEL: 3 Objection. 4 MS. ATWELL: 5 MS. CARULAS: Objection. Again, we're going down the same line again. Whether he's 6 done it in other patients has nothing to do with 7 the issue of standard of care in this case for 8 the other players. But go ahead. 9 I want to try 10 to work with you here as much as possible. Have you ever used it? 11 12 Α. T have. Q. Doctor, would you agree that when a 13 patient is found to have persistent papilledema 14 that the patient should be followed closely for 15 signs of optic atrophy? 16 17 MS. LOESEL: Objection. 18 MS. ATWELL: Objection. MS. CARULAS: Objection again. Don't 19 It has nothing to do with his 20 answer that. evaluation of this patient on July 22, 98, which 21 is his only involvement in this case. 22 23 Q. Well, doctor, I believe you have rendered your impressions in this case, that this 24 25 particular patient, Kevin Kiss, had optic atrophy

Page 42 secondary to papilledema, so 1 would ask my 1 2 question again: Would you agree that if a patient is found to have persistent papilledema 3 4 that the patient should be followed closely for signs of optic atrophy? 5 Objection. MS. ATWELL: 6 MS. LOESEL: Objection. 7 MS. CARULAS: Same situation. Just 8 9 couching it on what his impression was has 10 nothing to do with asking him a standard of care question as to care he was not involved in. 11 12 Q. I would ask you to answer the question. 13 14 MS, ATWELL: Objection. 15 MS. LOESEL: Objection. MS. CARULAS: I'm going to tell him 16 not to answer it. 17 MS. TOSTI: You're instructing him not 18 19 to answer? 20 MS. CARULAS: A standard of care question, yes, I am. Indeed I am. 21 It's 22 inappropriate as to this witness. 23 Q. Doctor, do you intend, if this case goes to trial, to be rendering opinions as to 24 25 whether or not persistent papilledema should be

Page 43 1 followed closely for optic atrophy? 2 MS. ATWELL: Objection. MS. LOESEL: Objection. 3 4 Α. I have no way of answering that. That depends on what -- I don't really understand the 5 system here, so I don't know to what degree I 6 would be required to do what. So I couldn't 7 answer that. 8 MS. TOSTI: Are you telling me that he 9 10 will not express any opinions on that particular subject at trial in this case? 11 MS. CARULAS: Yes. I always think it 12 is better from my standpoint to have outside 13 experts, because you will always argue from the 14 Plaintiff's standpoint that a treating doctor 15 from within the Cleveland Clinic system at the 16 17 time is biased. So, yes, I will have independent 18 19 experts, and I do not plan to call Dr. Kosmorsky as an expert witness on that issue, and that's 20 21 why I'm telling you I don't think he should be 22 commenting on anything here other than his specific --23 MS. TOSTI: And I do think it relates 24 to his specific care of this particular patient 25

Page 44 as to his knowledge and experience with this 1 2 particular disease entity. MS. CARULAS: I strongly disagree. 3 Т 4 mean, I don't see how those questions have anything to do with his factual involvement in 5 this case, which is the only reason **I** believe 6 7 you're here to question him, or you're entitled to be here to question him, to find out what his 8 involvement was as a fact witness. He is here as 9 a fact witness. 10 Do you have an independent 11 Q, recollection of Kevin Kiss as you sit here 12 13 today? Not at all. Α. 14 Based on your review of the record, Q, 15 when is the first time that you came in contact 16 with Kevin Kiss? 17 First and only time is the dated chart 18 Α. record of 7-22-98. 19 Q. How is it that you came to see him on 20 July 22nd of 98? 21 Well, simply reading from the note, it 22 Α. says that he had been referred by Dr. Luciano. 23 Q, And what is your understanding, either 24 25 from your recollection or review of the record,

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Page 45 1 as to why Kevin was referred to you by Dr. Luciano? 2 MS. CARULAS: If you know. If you 3 4 know. Well, I would have to go back and read 5 Α. I see my former technician Shauna had б whv. 7 written down a sequence of events as told to her, and I believe it was to answer the question of 8 why his vision was subnormal. 9 10 (Thereupon, PLAINTIFFS' Deposition 11 Exhibits 2A, 2B & 2C were mark'd for 12 purposes of identification.) 13 14 Q . Doctor, I'm going to hand you three 15 pages of notes that I've marked as Plaintiffs' 16 Exhibits 2A, 2B and 2C that are dated July 22nd, 17 **1998**, and if you could just tell me if those are 18 19 the notes that you were just referring to. 20 Α. Yes, they are. Q. Now, in regard to those notes, the 21 handwriting that appears on the first three 22 pages, is that your handwriting or someone 23 24 else's? That's my technician, Shauna. 25 Α.

Page 46 Does your handwriting appear on these Q. 1 2 particular pages? 3 Α. From the middle to the bottom of page 2C and 3. 4 Q. 5 So on page 2C, your notes are at the end of that page; is that correct? 6 7 Α. Correct. Q. When you saw Kevin, did you go and 8 confirm the information that the technician, 9 Shauna, had reported on the patient? 10 11 **I** don't recall if **I** had personally Α. done that. 12 Q. Would it be your usual procedure to do 13 that, to confirm whatever history or information 14 she collected on a patient? 15 I would usually question her about 16 Α. that, or the individual that I was examining. 17 Q. Now, is Shauna someone that 18 specifically works with you, doctor? 19 20 Α. Well, not now. She did. Q. At the time? 21 22 Α. Correct. Q. She was assigned to your service? 23 24 Α. Correct. Q. 25 And she would see your patients?

Page 47 Α. 1 Correct. 2 Q, Typically would she see the patient first and then you would see the patient? 3 4 Α. Correct. 5 Q. Would she be present at the time that you would then see the patient? 6 7 Α. No. Q. She would see the patient prior to you 8 going in to see a patient? 9 Right. 10 Α. Q, At the time that you saw Kevin Kiss, 11 did Dr. Luciano provide you with any information 12 about Kevin's condition when he made that 13 referral? 14 15 Α. Not that I recall. Q. How is it that you would normally be 16 informed about a referral? 17 It would just be on my schedule. 18 Α. Q. Would you be provided, usually, with 19 20 any type of documentation on the patient when you would receive a referral for the patient? 21 22 Sometimes and, annoyingly, others, no. Α. Q. Would you have the Clinic notes from 23 the patient's prior visits available to you? 24 At times, and at other times, no. 25 Α.

Page 48 Ο. Do you know in this instance whether 1 2 you had the Clinic notes from the patient's prior 3 visit available to you? I don't even recall the visit. Α. 4 Q, Doctor, in regard to the information 5 that Shauna has included at the beginning note, 6 is that information that you likely confirmed 7 with Kevin and his family? 8 MS, ATWELL: Objection. 9 I can't say in this instance. 10 Α. Ι simply don't recall the visit. 11 Q. Would that be what you would usually 12 do on a visit? 13 MS. ATWELL: Objection. 14 15 Α. That would be what **I** would do on many 16 visits. Q. 17 What was your understanding as to when Kevin's vision loss occurred? 18 Well, all I saw was that he had lost 19 Α. 20 vision by July. I don't see a timeline in the 21 record. So at this point, I am unable to tell you that. I do note here that he was to follow 22 up with Dr. Marcotty in April, and at that point 23 had an emergency shunt. So I don't know whether 24 that visit was triggered by an ophthalmologic 25

Page 49 finding or not. I can't really say. 1 Q, 2 Are you referring to the notes Shauna 3 wrote? Yes, on 2B. 4 Α. Q. Doctor, is it common for a young child 5 not to be fully aware of the extent of vision б loss when they suffer vision loss? 7 That's very dependent upon the child. Α. 8 It really just depends upon how intuitive they 9 10 are and how talkative they are. So that's really 11 a very much it-depends thing. 12 **a**. Have you, in your experience, seen instances where children have lost vision and are 13 not fully aware of the extent of loss of vision? 14 15 Α. Yes. And I have had four-year-olds who are quite well aware and could express it 16 easily. 17 Q. When you saw Kevin, was anyone else in 18 attendance with you? 19 20 Α. I don't recall. Q. 21 Do you recall if there was a family member present when you saw Kevin? 22 23 Α. I don't recall. 24 **a** . Now, aside from what appears in 25 Shauna's note, did you obtain any additional

Page 50 history from Kevin or his family on that date 1 2 that you recall? Once again, I don't recall. I just Α. 3 don't. 4 Q. Did you perform an examination of 5 Kevin on that date? 6 7 Α. T did. Q. And what did your examination consist 8 9 of? 10 Α. Review of the visual acuity, which was 20/20 minus two in the right eye, and count 11 12 fingers at two feet in the left eye without wearing glasses. 13 14 The fact that his pupil exam had revealed an abnormality called an afferent 15 pupillary defect, the plus 4 APD indicates a very 16 17 abnormal pupillary response on the left. 18 His motility, or motion of the eye, appeared normal. Slit-lamp examination was 19 20 normal. And his fundus examination revealed normal sized small cups, only a mild or trace 21 22 amount of optic atrophy in the right, and three plus optic atrophy on the left, which is 23 significant. And VMP is vertical macular 24 perimetry, which I noted to be normal on both 25

Page 51 1 sides. 2 Ο. Was there any papilledema present when you examined the interior of his eye? 3 Α. No. 4 Ο, Now, doctor, you indicated that, I 5 believe, in his left eve you noted three plus 6 optic atrophy; is that correct? 7 Α. Correct. 8 Q. What specifically did you see in the 9 interior of his eye that indicated to you it was 10 a three plus optic atrophy? 11 A pallor that was equivalent to that 12 Α. of my relative scale based on my experience. 13 14 Q. Did you take any photographs when you examined the interior of his eye? 15 Not according to this note. 16 Α. Were you able to determine if this 17 Ο, optic atrophy was the result of a chronic 18 condition? 19 There's no way to tell that. 20 Α. No. Q. 21 **So** it could be acute or it could be 22 chronic? 23 Α. Well, chronicity from anywhere out from about four to six weeks to forever. Optic 24 atrophy cannot be dated in that way. 25

Page 52 Ο. I just want to clarify what you're 1 2 saying. The condition that you saw could have resulted from a condition four to six weeks ago 3 or longer; would that be fair? 4 Α. That would be fair. 5 Q. Were there any exudates, hemorrhages 6 7 or anything like that that --None that I noted. Α. 8 Ο. If there were exudates and 9 hemorrhages, would that be more of an indication 10 of an acute problem? 11 12 Α. Yes, it would. Q. Now, there was visual field testing 13 done on that particular visit; is that correct? 14 Yes, there was. 15 Α. Ο. Was that done before you saw Kevin or 16 17 after you saw Kevin? Usually it's done before. 18 Α. Ο. Doctor, I'm going to give you two 19 pages that I'm going to mark as as 3A and 3B. 20 21 22 (Thereupon, PLAINTIFFS! Deposition Exhibit 3A & 3B were mark'd for 23 24 purposes of identification.) 25

Page 53 Q. And I would ask what's been marked as 1 Plaintiffs' Exhibit 3A and 3B, are those part of 2 the visual field testing that was done on Kevin 3 4 on July 22nd of 98? They appear to be. Α. 5 MS. ATWELL: Could I just ask, what is б 7 3A, the right or left eye? THE WITNESS: Right eye. 8 Q. Now, why did you test Kevin's visual 9 fields? 10 Because he had subnormal visual 11 Α. 12 acuity. Q. And was the actual visual field 13 testing done by a technician? 14 Α. Yes. 15 Q. Was that done at the bedside, or is 16 there a special area where they do the visual 17 field testing? 18 The latter. 19 Α. Q. Where is the visual field testing 20 done? 21 There are rooms in the institute where 22 Α. the field machines are. 23 Q. And when the visual field testing was 24 done, what were the findings? 25

Page 54 Well, the right eye actually appears 1 Α. 2 relatively normal. There may be mild contraction 3 of the field, but that's arguable for a young 4 person. The left eye, there's what's called a 5 central scotoma, which is the dark black area, 6 definite contraction of the field. In other 7 words, it's smaller than it should be in both 8 upper and lower nasal visual field loss. 9 Q. Now, doctor, did you at any time, 10 either before the 22nd other after the 22nd, 11 12 speak to Dr. Andreas Marcotty about Kevin? 13 Α. Not that I recall. Q. I believe Dr. Marcotty did some visual 1.4 field testing on the 14th of July. Did you have 15 his visual field testing made available to you 16 for review at the time that you saw Kevin on the 17 22nd? 18 I actually don't know. It would 19 Α. 20 normally be my habit to indicate if there had 21 been a change if I had previous fields. 22 (Thereupon, PLAINTIFFS' Deposition 23 Exhibit 4A, 4B & 4C were mark'd for 24 25 purposes of identification.)

Page 55 1 Q. Doctor, I'm going to hand you what 2 I've marked as Plaintiffs' Exhibits 4A, 4B and 3 4C, and I would ask if you have ever seen these 4 particular visual field testings on Kevin Kiss 5 before. 6 7 Α. Again, I don't recall. I've seen thousands of visual fields. 8 Q. Are they consistent with what your 9 findings were on the 22nd? 10 11 MS. CARULAS: Note my objection. 12 MS. LOESEL: Objection. MS. ATWELL: Objection. 13 In other words, do they show similar 14 Α. patterns to what I see? 15 Q. Yes. 16 17 Α. Yes. Q. Doctor, the visual field testing that 18 you did on Kevin, or had done on Kevin on July 19 20 22nd, are they consistent with a patient that has had chronic papilledema? 21 22 MS. LOESEL: Objection. MS. ATWELL: Objection. 23 MS. CARULAS: Note my objection. 24 25 Α. They could be chronic or acute, and

	Page 56				
1	they don't even have to be from papilledema.				
2	They could be from optic atrophy from any cause,				
3	from a toxic optic neuropathy, from drusen, from				
4	vascular occlusions, optic neuritis, congenital				
5	optic nerve defects. The list goes on and on.				
6	Q. Doctor, isn't visual acuity loss one				
7	of the later findings that you see with chronic				
8	papilledema?				
9	A. It can be.				
10	Q. Well, patients with chronic				
11	papilledema usually don't start with loss of				
12	central vision, do they?				
13	MS. CARULAS: Objection.				
14	A. Say it again.				
15	Q. Patients with chronic papilledema				
16	usually don't start with loss of central vision,				
17	do they?				
18	A. Patients with chronic papilledema may				
19	present with loss of central vision.				
20	Q. Do they usually?				
21	A. With chronic papilledema?				
22	Q. Yes.				
23	MS. CARULAS: Note my objection.				
24	A. In my experience, chronic papilledema				
25	is with central visual loss.				

Page 57 Aside from what appears in your Ο. 1 2 handwritten note that we just discussed, did you find any other deviations from normal on your 3 examination of Kevin? 4 Not from -- not other than what I 5 Α. discussed on the note, no. 6 Q. And what were your impressions from 7 your assessment on July 22nd, 1998? 8 Optic atrophy OU, which means both 9 Α. eyes, secondary to papilledema which is resolved, 10 should remain stable. 11 And the basis for your impression that 12 Ο, 13 Kevin had optic atrophy secondary to papilledema, which was resolved, was what? 14 Because of my review of Shauna's note 15 Α. on page 2B that said that the patient had been 16 noted to have papilledema in the past, and, 17 therefore, my logical conclusion was that the 18 optic atrophy was from that. 19 Q. Now, in Kevin's case, is it likely 20 that his shunting procedure relieved the 21 papilledema? 22 23 In Kevin's case? Α. Ο. 24 Yes. Relieved it? 25 Α.

Page 58 Q. Yes. 1 Shunting, if papilledema is due to 2 Α. increased intracranial pressure, shunting almost 3 always resolves the papilledema. 4 Q. Now, doctor, in Shauna's note, she 5 indicates on, I think, the second page of the 6 note, which should be 2B, about halfway down, 7 that the patient was never told to follow up with 8 Dr. Marcotty. Did you ever discuss this with the 9 patient or with Kevin's mother? 10 11 Not to my recollection. Α. Q. Did you ever discuss it with Dr. 12 Luciano as to why Kevin never followed up with 13 Dr. Marcotty? 14 Not to my recollection. 15 Α. Q. Do you know what the source of that 16 information is in Shauna's note? 17 18 Α. I do not. Q . Do you have an opinion whether Kevin 19 20 should have been told to follow up with Dr. 21 Marcotty after his cyst fenestration procedure in 22 February? 23 Objection. MS. ATWELL: Objection. 24 MS. LOESEL: 25 MS. CARULAS: Objection.

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	Page 59				
1	A. Well, that's anybody should follow				
2	up with a doctor who has had surgery.				
3	Q. With an ophthalmologist?				
4	MS. LOESEL: Objection.				
5	MS. ATWELL: Objection.				
6	MS. CARULAS: Note my objection.				
7	She's asking you whether you plan to give an				
8	opinion in this case as to the relationship				
9	you know, whether you're going to give an opinion				
10	in this case.				
11	MS. TOSTI: I would prefer you not to				
12	explain my questions to the witness. If you have				
13	got an objection, enter it, but I don't want you				
14	explaining my question to the witness.				
15	MS. CARULAS: Well, I think your				
16	question was vague.				
17	MS. TOSTI: You can make an objection				
18	then. But I'm not going to have you sit here and				
19	reexplain my question to this witness. Now, if				
20	he doesn't understand the question, he can ask				
21	me. But I'm not going to have you interpret my				
22	question for the witness. I think that's				
23	inappropriate, and ${\tt I}$ would object to that.				
24	MS. ATWELL: I'm going to join in the				
25	objection, and I'm not going to give the witness				
1					

Page 60 any information, but since he's indicated he has 1 not reviewed the chart, if you want to tell him 2 when any procedure or visit or surgery had 3 occurred, that would be up to you. 4 MS. TOSTI: And I already did that in 5 my question. 6 I don't believe you did. 7 MS. ATWELL: Q. I said, doctor, do you think that 8 Kevin should have been told to follow up with Dr. 9 10 Marcotty after his cyst fenestration procedure in February of 1998? 11 12 MS. ATWELL: Objection. 13 MS. CARULAS: Well, that wasn't your You're now saying a different 14 question. 15 question. MS. TOSTI: And he said I think the 16 17 patient always should follow up with a doctor. Ι 18 believe that was your answer. And I said, 19 doctor, should the patient have been told to follow up specifically with an ophthalmologist 20 after the cyst fenestration. 21 22 MS. LOESEL: Objection. 23 MS. ATWELL: Objection. 24 MS. CARULAS: Objection. Again, he 25 wasn't involved in this care. If you want to

Page 61 give him the exact specifics of this, this and 1 this, but if you have an opinion in the abstract, 2 I suppose, if you can comment on this particular 3 4 case. In the abstract, certainly, yes. 5 Α. Q. Certainly the patient should have been 6 told to follow up with an ophthalmologist? 7 In a general sense. 8 Α. Q, 9 Yes? 10 Α. Yes. Q, Doctor, at the beginning of Shauna's 11 note, there's a box, I believe, under a typed 12 stamped name that is your name. What does the V 13 and the W stand for in that box? 14 15 Α. Vision, and W is wearing, so that's the glasses. 16 Q, What's the NV stand for? 17 Α. Near vision. 18 Q . Now, once you had completed your 19 evaluation of Kevin, did you discuss your 20 findings with his parents? 21 I don't recall. 22 Α. 23 Q. Did you make any recommendations regarding treatment for Kevin? 24 25 I don't think so, because I said per Α.

	Page 62				
1	Dr. Luciano, so I think my normally, when I				
2	say per whoever referred the patient, 1 left the				
3	treatment up to the person who referred the				
4	patient and simply rendered an opinion.				
5	Q. Did you provide Dr. Luciano with any				
6	recommendations regarding treatment for this				
7	patient?				
8	A. If I did, I don't recall. I mean, had				
9	he been shunted, and I don't know whether he was,				
10	but had he already been shunted, then there would				
11	be little reason to do anything else.				
12	Q. I believe at this time he had already				
13	received a shunt in April.				
14	A. Then it probably would account for				
15	when I said do nothing else, because he already				
16	had the definitive treatment.				
17	Q. At the point that you saw Kevin, were				
18	there any other treatment options available for				
19	him in regard to his vision?				
20	A. It goes back to the same thing we				
21	talked about before. It depends upon the				
22	underlying cause. If it was elevated				
23	intracranial pressure, he already had the				
24	treatment. There was no reason to do anything				
25	else.				

Page 63 Ο. Doctor, if Kevin had papilledema from 1 increased intracranial pressure that was 2 unrelieved by his shunting procedure or 3 4 medication, treatment, is he the type of patient that a fenestration of the optic nerve might be 5 Is that a type of a problem that --6 done on? In other words, should I have done an 7 Α. optic nerve sheath fenestration? 8 9 Q, I'm not asking if you should have. Α. That's what it sounds like. 10 I'm saying a situation in which you Q . 11 have persistent papilledema, even after the 12 surgical options to decrease increased 13 intracranial pressure, is that the type of 14 patient that you might consider doing an optic 15 nerve fenestration on? 16 MS, ATWELL: Objection. 17 MS. LOESEL: Objection. 18 19 MS. CARULAS: Note my objection. Ο. I'm not saying in his case it was 20 21 appropriate. 22 Α. You're saying if someone didn't respond to the shunt? 23 24 Q. Yes. My general tack would be to have the 25 Α.

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Page 64 shunt checked and redo it, because I have never 1 seen anybody who didn't respond to an 2 appropriately done shunt. 3 4 (Thereupon, PLAINTIFFS' Deposition 5 6 Exhibit 5 was mark'd for purposes of identification.) 7 8 Q. Doctor, I'm going to hand you what's 9 been marked as Plaintiffs' Exhibit 5. Could you 10 identify that document for us? 11 It looks like a note from me to Dr. Α. 12 Marcotty dated July 23rd, 1998 with a copy to Dr. 13 Ernesto Gerardo, and it says, "Kevin will be 14 following up with you in the near future due to 15 his optic atrophy secondary to his edema from his 16 arachnoid cyst. At this point he is 20/20 and 17 hand motion. I expect that as long as his 18 19 intracranial pressure remains normalized with his 20 shunt tube, his situation should remain very stable." 21 Q. 22 Why did you recommend ophthalmology 23 followup for Kevin with Dr. Marcotty? It's just my habit, once anybody has 24 Α. any sort of problem with their eyes, you follow 25

Page 65 them simply to make sure nothing else happens in 1 the future. 2 Q. Now, you mentioned that as long as his 3 situation remained stable -- I'm sorry, you 4 mentioned that as long as his intracranial 5 pressure remains normalized with his shunt tube, 6 his situation could remain stable. If Kevin's 7 intracranial pressure increased, would he be at 8 risk for further vision loss? 9 10 Α. Anyone would be. Ο. Now, did you tell Kevin or his family 11 as to whether they should follow up with Dr. 12 13 Marcotty? I, again, don't recall, and I didn't 14 Α. 15 specifically say in the note when, so I don't know. 16 17 Q. Well, I think you indicated that it would be in the near future, and I was just 18 wondering if you had, in your mind, as to what 19 20 that meant, near future. 21 Usually it means within several Α. months. 22 Q, Now, doctor, in February of 98, Kevin 23 was noted to have papilledema after his cyst 24 fenestration. Should he have had --25

Page 66 You'll have to go over that again. Α. 1 2 Q. Kevin had his cyst fenestration done, I believe, in December, and then was noted to 3 have papilledema in February. Should he have 4 been evaluated by an ophthalmologist and visual 5 fields done? 6 7 MS. LOESEL: Objection. MS. ATWELL: Objection. 8 MS. CARULAS: Objection. 9 Α. Are you asking me to be an expert on 10 11 that? Q. I'm asking you if that would be the 12 standard, to go ahead and do visual fields on a 13 patient that has papilledema following a cyst 14 fenestration. 15 Α. Do I become the expert witness at that 16 17 point? Objection. 18 MS. ATWELL: MS. LOESEL: Objection. 19 MS. CARULAS: I do not plan to call 20 you as an expert witness. You did not review 21 22 those documents. You were not there to have firsthand knowledge. If you don't have an 23 24 opinion, you can tell her you don't have an 25 opinion. I can instruct you not to answer.

Page 67 It's sounding to me like you're asking 1 Α. 2 for expert advice, so I would just say I don't have an opinion on that then. 3 Q. Do you have an opinion as to whether 4 Kevin's optic atrophy and resulting vision loss 5 was preventable? 6 7 MS. LOESEL: Objection. MS. ATWELL: Objection. 8 9 MS. CARULAS: Note my objection as 10 well. 11 That's something I couldn't answer Α. 12 directly, no. That would depend upon detailed review of the past medical record, which I did 13 not do. 14 Q. So your answer is you do not have an 15 opinion? 16 17 Α. I do not have an opinion. Q, Did you at any time ever discuss 18 Kevin's vision loss with Dr. Marcotty? 19 20 Α. I really don't recall. I mean, I suppose it's possible, because he was in my 21 22 department at some point and might have asked me, 23 but I surely don't recall without a chart in front of me. I probably couldn't have answered 24 25 his question anyway.

	Page 68				
1	Q. Did you have any conversations about				
2	Kevin's vision loss with any other physicians at				
3	Cleveland Clinic that you recall?				
4	A. Not that I recall. I could have had a				
5	resident with me, for instance, and spoken with				
6	him, but ${f I}$ have no recollection of that at all.				
7	Q. And you don't have any recollection of				
8	speaking with Dr. Luciano regarding your findings				
9	of July 22nd; is that correct?				
10	A. I don't remember. I mean, I could				
11	have, but ${\tt I}$ honestly don't remember if ${\tt I}$ did.				
12	That's quite awhile ago.				
13	Q. Do you know of any other Cleveland				
14	Clinic ophthalmology consult done on Kevin prior				
15	to the one that you did on July 22nd?				
16	A. Not that I'm aware of.				
17	Q. Do you have any criticism of any of				
18	the care that was rendered to Kevin Kiss?				
19	A. I don't know what care was rendered to				
20	Kevin Kiss, so I can't comment.				
21	Q. Do you have any criticism of Kevin or				
22	his family in any way for the vision				
23	complications that he suffered?				
24	A. No.				
25	MS. TOSTI: I don't have further				

	Page 69
1	questions for you, doctor.
2	MS. ATWELL: No questions.
3	MS. LOESEL: No questions.
4	MS. CARULAS: Okay. You have the
5	right to read over the transcript and make sure
6	it was taken down accurately. I always recommend
7	that.
8	(Deposition concluded at 2:55 o'clock p.m.)
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	Page 70
1	AF f IDAVIT
2	I have read the foregoing transcript from
3	page 1 through 69 and note the following
4	corrections:
5	PAGE LINE REQUESTED CHANGE
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18	GREGORY S. KOSMORSKY, D.O.
19	
20	Subscribed and sworn to before me this
21	day of, 2000.
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23	
24	Notary Public
25	My commission expires

	Page 71
1	CERTIFICATE
2	State of Ohio,)) SS:
3 4	County of Cuyahoga.)
- 5	I, Karen M. Patterson, a Notary Public
5	within and for the State of Ohio, duly
C	
6	commissioned and qualified, do hereby certify that the within named GREGORY S. KOSMORSKY, D.O.
7	was by me first duly sworn to testify to the
	truth, the whole truth and nothing but the truth
8	in the cause aforesaid; that the testimony as above set forth was by me reduced to stenotypy,
9	afterwards transcribed, and that the foregoing is
	a true and correct transcription of the
10	testimony.
11	I do further certify that this deposition
	was taken at the time and place specified and was
12	completed without adjournment; that I am not a
	relative or attorney for either party or
13	otherwise interested in the event of this action.
14	IN WITNESS WHEREOF, I have hereunto set my
	hand and affixed my seal of office at Cleveland,
15	Ohio, on this 8th day of February 2000.
16	
17	Kain H Pattern
	Karen M. Patterson, Notary Public
18	Within and for the State of Ohio
19	My commission expires October 7, 2004.
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22	
23	
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Gregory Kosmorsky M.D

TO THE WITNESS: DO NOT WRITE IN TRANSCRIPT EXCEPT TO SIGN. Please note any word changes/corrections on this sheet only. Thank you.

TO THE REPORTER: I have read the entire transcript of my deposition taken on the to me. I request that the following changes be entered upon the record for the reasons indicated. I have signed my name to the signature page, and I authorize you to attach the following changes to the original transcript:

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Signature of Deponent