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IN THE DISTRICT COURT OF KNOX COUNTY, NEBRASKA

DENNIS WIEBELHAUS, Personal)
Representative of the Estate of)
DONNA J. WIEBELHAUS, Deceased,) Case No. 12018
Plaintiff,)
-vs-)
D. J. NAGENGAST, M.D.,)
Defendant.)

Taken at St. Elizabeth
Community Hospital
Pathology Department
555 South 70th Street
Lincoln, Nebraska
May 20, 1994
3:30 P.M.

DEPOSITION OF DR. GEORGE GAMMEL
TAKEN ON BEHALF OF THE PLAINTIFF
A P P E A R A N C E S

For the Plaintiff: Mr. David A. Domina
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WITNESS :

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S T I P U L A T I O R

It is stipulated and agreed by and between the parties hereto by their respective counsel of record that the oral deposition of DR. GEORGE GAMMEL, may be taken commencing at 3:30 p.m. on this 20th day of May, 1994, at St. Elizabeth Hospital, Pathology Department, 555 South 70th Street, Lincoln, Lancaster County, Nebraska.

It is stipulated that all requirements of commission and issuance of commission for the taking of the deposition are waived.

It is stipulated that the original deposition will be delivered to David A. Domina, attorney for the Plaintiff, and that a certification of same will be filed with the Clerk of the District Court, setting forth that the deposition was taken and the costs thereof.

It is stipulated that all objections may be reserved until time of trial, except objections relating to the form and foundation of the question and the responsiveness of the answer.

It is stipulated and agreed that the deposition may be transcribed outside the presence of the witness,

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P R O C E E D I N G S

(The deposition of DR. GEORGE GAMMEL commenced at 3:30 on this 20th day of May, 1994, with both counsel David Domina, Joseph Bataillon, and the deponent present.)

DR. GEORGE GAMMEL
having been first duly sworn to tell the truth, the whole truth, and nothing but the truth, deposeth and sayeth as follows:

DIRECT EXAMINATION

BY MR. DOMINA?

Q. Dr. Gammel, can you tell me what you've reviewed for the purpose of preparing to testify as a witneaa in this case, please?

A. I've received two folders, or two notebooks full of material. One was the depositions from Dr. Nagengast and Donna Wiebelhaus, three depositions. I think that's all in there. And the other one was the office records from, the general records from Dr. Nagengast's office. And some more records from the University of Nebraska, and whatever other pertinent medical records that were collected.

And I also received the slides, the pathology material from both the primary lesion of

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the shoulder, the primary melanoma of the shoulder, and the subsequent reexcision from the shoulder and the axilla.

Q. The latter having been performed at UNMC?

A. Yes.

Q. Have you reviewed any depositions of any physicians other than Dr. Nagengast in connection with this case?

A. I don't believe so. I can't remember for sure. That one book on depositions was a mighty long one. I just can't remember, to tell you the truth. The ones I concentrated on were those two, so I can't remember.

Q. The patient and the physician were the two you concentrated on?

A. Yes.

Q. How long ago did you review these materials?

A. Probably a month ago. Then I rereviewed them a little bit today, this morning.

Q. What were you asked to do?

A. Review it and give my opinion as to what I felt the process was.

Q. The disease process?

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A. The disease process and how it, how it occurred.

Q. Do you have opinions in this case concerning what examination methodology Dr. Ragengast should have used?

A. No.

Q. Do you have opinions concerning the follow-up care, if any, that he should have rendered after his first contact with the patient in a setting in which she presented concern about a mole?

A. That, as far as I'm concerned, is more the clinical side of it. I'm more on the pathological side of it. I have a good concept of how malignant melanomas develop, the various classifications of them, and perhaps that would fit in there. But I guess the answer to that would be no.

Q. I was frankly trying to rule out your involvement on the clinical side by being a bit more specific than asking you that broadly. But maybe I can ask you that broadly and then follow-up with a few questions that are likely to have pretty basic negative answers too, but if you'll indulge me for a moment. Do you have any opinions at all

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concerning the clinical performance of Dr. Nagengast in the care of this patient?

A. No--well, do I have opinions concerning? Still I'm not sure I understand what you're asking me.

MR. BATAILMN: Maybe I can clarify. I don't intend to offer this witness on any issues

8 with respect to the standard of medical care
9 rendered by Dr. Nagengast from a clinical
10 standpoint, what he should have done or what he
11 should not have done.
12 MR. DOMINA: Well, because I thought I'd
13 done a little better job of articulating that
14 question than I could do if I do it again, would
15 you please read it back.
16 (The pending question was read by the
17 reporter.)
18 THE WITNESS: No, as far as I'm
19 concerned, I'm on the pathology side of it, so I
20 guess the answer to that would be no.
21 Q. (By Mr. Domina) Was there information in
22 Dr. Nagengast's deposition that was significant
23 then to you, doctor, in the formation of your
24 opinions as a pathologist testifying in this case?
25 A. Probably the timing, because the timing

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1 of what happened when would be important in how I
2 look at the case.
3 Q. Was there anything besides
4 Dr. Nagengast's recitation of the timing that was
5 significant for your purpose in forming the
6 impressions, opinions and conclusions as a
7 pathologist?
8 A. It's really about all, from his
9 testimony, that--
10 Q. And what about from Mrs. Wiebelhaus's
11 deposition then, was there information contained in
12 her testimony that was significant for the purposes
13 of your work as a pathologist in rendering
14 opinions?
15 A. Again, probably timing again. I was
16 trying to look at the timing of what happened
17 when.
18 Q. None of the descriptions given by either
19 Dr. Nagengast or Mrs. Wiebelhaus of the actual
20 lesion were significant for your purposes?
21 A. Yes, the descriptions of the size and
22 coloration and the oozing or various descriptions
23 of the gross lesion, gross pathology, is important
24 for me, so I did look at that.
25 Q. Did you, for your purposes, that is, the

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1 purposes of your work in this case, find the
2 descriptions of the lesion and its gross pathology
3 to be consistent between the physician and the
4 patient?
5 A. Yes, I did.
6 Q. What's your understanding of the
7 appearance of the lesion when first presented by
8 Mrs. Wiebelhaus to Dr. Nagengast?
9 A. The gross impression of what it looked
10 like?
11 Q. Yes.
12 A. I got the impression it was fairly
13 small. He described it as the size of a pencil
14 eraser, which would be about 7 millimeters, 7 or 8
15 millimeters in diameter. Had a smooth surface, and
16 that's--they both seemed to. I think that's what
17 I, early on that's what it looked like.
18 Q. What about its color?
19 A. That I didn't really pick up that much.
20 The coloration didn't, of the lesion, didn't add
21 much to my interpretation.
22 Q. What about the shape of the lesion?
23 A. From what I could gather it seemed to be
24 symmetrical.
25 Q. And what do you rely on for the

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1 conclusion that it was symmetrical?
2 A. I guess because it looks like an eraser
3 on a pencil and that would be symmetrical. It was
4 never described as being asymmetrical, I guess.
5 Q. Did anyone describe it as being
6 symmetrical other than to say it was the
7 approximate size of a pencil eraser?
8 A. Probably. That's--no, I don't remember
9 that word being used.
10 Q. Neither witness described it as being
11 circular, did they?
12 A. I guess, I guess I'm remembering the
13 fact that it was described to be like a pencil
14 eraser, and that--and when I visualize that, that
15 would be a fairly symmetrical, raised area on the

16 skin.
17 Q. Did you see Mrs. Wiebelhaus's deposition
18 on videotape?
19 A. No, I did not.
20 Q. Do you recall reading, Dr. Gammel, in
21 her deposition, that she was pointing to a lesion
22 on her forehead, or temple?
23 A. I do remember that, um-hmm.
24 Q. And identifying it as being to be an
25 approximate shape, or at least circumference, as

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1 the lesion that was cancerous?
2 A. I do remember something along the lines
3 of it that, um-hmm.
4 Q. But you've not seen that--
5 A. No.
6 Q. --film of the lesion?
7 A. Huh-uh.
8 Q. Do you know whether that lesion on her
9 head that she pointed to during her deposition was
10 symmetrical?
11 A. I assumed it was because--I assumed it
12 was.
13 Q. And what description was given by either
14 Dr. Nagengast or Mrs. Wiebelhaus of the border area
15 of the lesion?
16 A. I do not remember anything about the
17 border. There was no--nothing that comes to mind.
18 Q. Do you recall either witness estimating
19 its diameter in some quantity of millimeters,
20 inches?
21 A. I think, if I remember, Dr. Nagengast
22 estimating it at about six to eight, or something
23 like that. His estimation of size was consistent
24 with the eraser on a pencil.
25 Q. Dr. Gammel, how long had the lesion been

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1 on the patient's body before it was presented?
2 A. As far as I know, it had been there as
3 long as Mrs. Wiebelhaus could remember, so it would
4 be either, would either be a congenital nevus or
5 one that occurred at a very early age.
6 Q. Had its texture or surface appearance
7 changed before it was presented to the doctor?
8 A. There obviously was some reason why it
9 should be presented to the doctor, so I would
10 assume that.
11 Q. What was your understanding of the
12 reason, please?
13 A. It had changed in size and I suppose
14 coloration.
15 Q. Do you recall which?
16 A. There was a change though, whether
17 that's size or--it's probably a little of both
18 really.
19 Q. Size and color?
20 A. Yeah.
21 Q. Do you recall a description of a
22 crusting or flaking?
23 A. Yea, I do.
24 Q. What's keratosis, please?
25 A. Keratosis is just a buildup of keratin

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1 cells on the surface of the skin.
2 Q. Do they ordinarily present as crusty or
3 flaking to the person who's trained to distinguish
4 between a keratotic condition and some other
5 condition, parakeratosis, for example?
6 A. You mean keratosis as perceived by the
7 patient?
8 Q. As being crusty or threatening?
9 A. Crusty? Yeah, I think that would be it.
10 Q. That would be a commonplace way for a
11 layperson to present with?
12 A. Yeah.
13 Q. Did you conclude that this particular
14 lesion, then, may have had some keratotic features
15 when it was first presented to Dr. Nagengast?
16 A. Yeah, could be. Could be.
17 Q. Did you ascertain from any of the
18 materials available to you what Mrs. Wiebelhaus's
19 eye coloration was?
20 A. No, I just, I determined that she was
21 fair-skinned. And fair-skinned individuals usually
22 have blue eyes, so I presume that's it.
23 Q. In this case it's a perfectly

24 appropriate presumption. Did you ascertain,
25 doctor, what her employment was; do you recall

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1 that?
2 A. Not so much. I remember she grew up in
3 a rural setting and was on the farm. But other
4 than that I don't remember.
5 Q. Was there any history of serious sunburn
6 at an early age in her life?
7 A. Not that I--I don't think that I read.
8 Q. Do you recall what her pattern was of
9 protection from and exposure to sun and sunlight--
10 A. No.
11 Q. --in her adult life?
12 A. No, I don't remember that.
13 Q. Is that kind of--
14 A. I'm--
15 Q. Pardon me?
16 A. I don't remember that part, no.
17 Q. I didn't mean to interrupt you, if I
18 did. I think I started too quickly with a
19 question. Is that kind of information, information
20 of a kind that you would expect to be of interest
21 to a primary care physician looking at a lesion?
22 MR. BATAILLON: Objection, foundation.
23 You can answer that though.
24 THE WITNESS: Well, I guess no one knows
25 why malignant melanomas develop in previous nevi,

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1 There's assumptions that it has something to do
2 with sunlight, but that's all very vague. And to
3 have someone ask specifically, I would imagine you
4 get similar answers from everyone, so I doubt very
5 much if that would add much to a history, to ask
6 that question.
7 Q. (By Mr. Domina) Are you aware of
8 epidemiological studies conducted for the purpose
9 of studying whether or not persons of fair
10 complexion with employment that ordinarily shields
11 them from the sun but life habits that subject them
12 to intermittent periods of intense sun exposure are
13 at an enhanced risk from melanoma?
14 A. I've read quite a number of articles on
15 melanoma. And, yes, I'm familiar with some of
16 those articles that suggest that the early, early
17 sunburn does increase the risk. And there's
18 obviously something happening because I'm seeing
19 more and more melanomas over my 20-some years of
20 watching skin lesions, so it's--
21 Q. It is indeed one of the most rapidly
22 accelerating cancers to occur, is it not?
23 A. Yes, it is, um-hmm, very common for me
24 to see it nowadays.
25 Q. Would you agree too, doctor, that there

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1 is no cure for the disease known, once it
2 metastasizes?
3 A. At this time, yeah, sure, no 100 percent
4 cure. Things are being tried all the time with
5 Interferon and immunotherapy. Sometimes works.
6 Melanomas are a kind of interesting because
7 sometimes they will regress spontaneously, go away,
8 and so no one really knows why. But nothing
9 consistent, that's for sure.
10 Q. Even with Interferon, the incidence of
11 positive reaction to retard the disease is under
12 40 percent, isn't it?
13 A. Yeah, it's very variable, but there are
14 some indications that it seems to work out, who
15 knows why.
16 Q. Do you know if this particular patient
17 experienced Interferon treatment?
18 A. I do not know that. I think she
19 experienced BCG.
20 Q. She did indeed.
21 A. It was early on.
22 Q. Do you know which other drugs were tried
23 with her?
24 A. No. Once I get into the chemotherapy
25 line, that's not my bag. All I know is

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1 chemotherapy.
2 Q. Are you aware of forecasts by
3 epidemiologists, doctor, that as many as 1 in 100
4 white, that is, Caucasian American children will

5 suffer from melanoma during their lifetime, that
6 is, children under age 15, during the 90s?
7 A. I didn't know that statistic, but I know
8 it's--the incidence of melanoma is really going up
9 rapidly.
10 Q. And alarmingly to physicians, isn't it?
11 A. Yes, um-hmm.
12 Q. And a disease about which a great deal
13 has been written in the past several years?
14 A. Yes, um-hmm.
15 Q. Would you say, doctor, that there is a
16 high degree of awareness of the disease and its
17 risks in the medical profession today in America?
18 A. I think so, um-hmm.
19 Q. Are you acquainted with Dr. Nagengast?
20 A. No, I'm not.
21 Q. Are you acquainted with his son, who
22 practices medicine here in Lincoln?
23 A. A little bit. He's new in town, and I
24 do every so often do frozen sections and do
25 surgicals for him. But as far as being acquainted

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1 with him, we know each other as we pass in the
2 hallway, but that's about it.
3 Q. Nothing more than a professional
4 relationship?
5 A. That's right, professional.
6 Q. Are you acquainted with
7 Dr. Glenn Lau?
8 A. Again, not as much. He's usually at
9 Bryan, I think, and I do know him but just by name.
10 Q. The same sort of casual?
11 A. The same, sort of very casual. He's in
12 with surgeons more, because of a surgical fellow I
13 spend most of my time dealing with surgeons.
14 Q. Do you know Dr. Scot Sorensen?
15 A. Yes, I do know him.
16 Q. And what's the nature of your
17 acquaintance?
18 A. He's of course, an oncologist, and since
19 one of my major things I do is diagnose cancer,
20 classify cancer, I deal with him quite a bit.
21 Because he--all of his patients are dealt with by
22 either myself or one of the other surgical
23 pathologists here in Lincoln.
24 Q. And who would the other one be?
25 A. Actually, we all do that quite a bit. I

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1 guess here at St. Elizabeth it's myself and there's
2 Dr. Till and Dr. Davidson. At Bryan we have
3 Dr. Casey, and Dr. Masada, and at Lincoln General
4 it's Dr. Sileniks.
5 Q. So you would routinely have contact with
6 Dr. Sorensen's oncology patients at St. Elizabeth,
7 is that right?
8 A. I don't have particular contact with
9 them but I'm the one that exams their, the
10 specimen, the tumor that was removed.
11 Q. In the course of your practice, how
12 often do you have direct patient contact?
13 A. Rot a whole lot. I--the pathologists do
14 bone marrows, so we meet the patient that way. And
15 every so often we'll be asked to explain a
16 complicated surgical to a patient, but not a whole
17 lot of patient contact.
18 Q. Would it be weekly, once a week?
19 A. Perhaps, once a week, if that. Depends
20 on what field. Some of the clinical pathologist.
21 have more, but I guess sometimes it's forensic
22 pathologists that will come in contact with
23 patients. It's a whole different story.
24 Q. Are you an author?
25 A. No, I'm not.

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1 Q. Have you published any professional
2 works?
3 A. Oh, I think when I was way, way back in
4 my residency, I was named on a paper or two, but
5 nothing on my own, no.
6 Q. Has your practice since being board
7 certified been entirely in Lincoln?
8 A. No.
9 Q. Where else have you practiced, doctor?
10 A. I went into the Army right after my
11 residency and spent two years at Fort Bragg. And
12 then I went back to Columbia, Missouri. That's

13 where I trained. I was in private practice of
14 surgical pathologist down there for four years and
15 then I moved up here to Nebraska. I've been here
16 for 18 years.

17 Q. Do you know Dr. Robert Langdon from
18 Omaha?

19 A. No, I do not.

20 Q. Dr. Fred Pettid from Omaha?

21 A. No.

22 Q. Doctor, do you have an opinion about
23 whether or not the fact that a female patient is
24 pregnant places her at an enhanced risk of
25 melanoma?

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1 A. I have an opinion. I'm not sure I know
2 if it's right or not, but--

3 Q. All right, sir. Without knowing whether
4 it's right or not, I take it it's really, then, a
5 personal opinion that you wouldn't hold out as one
6 that meets professional standards?

7 A. That's right, it's controversial. We've
8 always heard in the past when you're pregnant you
9 have that hormonal development and the pigment in
10 the nevi get darker, the a real a get darker and
11 cancer is worse, but I've not read anything to ever
12 back that up as having anything to really do with
13 it. So there are certain tumors that hormones will
14 influence them and you don't want a patient
15 pregnant during certain tumors. But for
16 specifically malignant melanoma, I know of nothing
17 that, no response that malignant melanoma would
18 undergo in relationship to the pregnancy.

19 Q. I take it, then, that in the profession,
20 the medical profession, there is a debate in which
21 one advocate argues that cancer does create an
22 enhanced risk and while the other school of thought
23 argues that there's insufficient data to reach that
24 conclusion?

25 A. You mean pregnancy?

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1 Q. What did I say?

2 A. You said cancer.

3 Q. I did. I apologize. I meant pregnancy,
4 yes. There's a school of thought that pregnant--

5 A. I'm not sure that--you know, when we
6 talk about cancer we're talking about such a huge
7 field.

8 Q. Let me narrow it to melanoma.

9 A. Okay. I take it the debate is that--I
10 don't know if there's even a debate there. As far
11 as I'm concerned, it doesn't have an increased
12 risk. But I'm in the pathology field so I guess
13 I'm all I'm saying is that's out of my field. I
14 don't see anything that changes it under the
15 microscope.

16 Q. Does family history of melanoma in the
17 family tend to place one at an enhanced risk?

18 A. Yes, it does.

19 Q. And are there readily identifiable
20 reasons, pathologically, for that?

21 A. Pathological reasons. Of course,
22 there's a syndrome called Dysplastic Nevus
23 Syndrome. And then there is a--then a
24 patient--well, if a family fits into that category
25 they have all kinds of abnormal moles on their skin

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1 and some of those change over to malignant
2 melanoma. If they don't have that syndrome, I
3 think there's still an increased risk. If a
4 patient should have a, just a malignant melanoma,
5 still there's an increased risk there, but why, I
6 don't know.

7 Q. Certainly persons who have dysplastic
8 nevi are at enhanced risk, aren't they?

9 A. That's really controversial. I think we
10 haven't really defined what a dysplastic nevus is.
11 In fact, the latest conferences I've gone to
12 there's a big push to get rid of that term.

13 Q. And why in that?

14 A. Because we haven't defined it well. I
15 can--I know the criteria for dysplastic nevus but I
16 don't have all the information. So the only person
17 that should make that diagnosis would be the
18 clinician and say, yes, this is the Dysplastic
19 Nevus Syndrome. So I'd say if somebody has, has
20 put this patient in the category of Dysplastic

21 Nevus syndrome, then there definitely is an
22 increased risk.

23 Q. Well, let's see if we can define it this
24 way: What's a nevus?

25 A. A nevus is a proliferation of

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1 melanocytes that--and these presumably come from
2 the neural crest and migrate along the skin, and
3 for some reason they proliferate in a kind of a
4 localized fashion underneath the skin's surface and
5 they go through a certain pattern of growth. They
6 start in the epidermis and drop down to the dermis,
7 and then they, I guess, simply follow along and
8 finally eventually disappear.

9 Q. And what does the term dysplastic mean?

10 A. Dysplasia means bad growth, and to most
11 physicians dysplasia means bad. So that's one of
12 the reasons they want to get rid of that term in
13 talking about nevi because the criteria for
14 dysplastic nevus may not mean anything. We haven't
15 really defined it, so we're trying--in other words,
16 if someone gives me a nevus that looks atypical,
17 and I look at it under the microscope and it fits
18 this criteria for dysplastic nevus, there's recent
19 literature to suggest that this does not mean that
20 that nevus gives that patient increased risk or
21 not. We don't know that. And to put a patient in
22 that increased risk category at this point is not
23 justified.

24 Q. When you look at a slide that displays
25 microscopically a nevus that the clinician has

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1 thought may have been dysplasia, what are the
2 features you're looking for?

3 A. I'm looking for, actually now the new
4 term that I use is nevus with architectural
5 disorder.

6 Q. It sounds to me like what is happening
7 to your profession is the same thing that's
8 happened to ours, which I'd urge you to avoid.
9 But that's all right, go ahead.

10 A. Well, it changes all the time. That's
11 why I try to go to conferences yearly to try to
12 keep up with the thing. Basically what I'm looking
13 at, I'm looking at a nevus that is not symmetrical,
14 it looks asymmetrical, irregular. There are
15 melanocytes up in the epidermis that look a little,
16 they're single and small, little clusters, and
17 they're not really uniform throughout there.

18 Q. In the epidermis?

19 A. In the epidermis. And the dermis
20 usually has what we call fibrosis or fibroplasia.
21 There is also a little inflammation of the
22 papillodermis. And that's about all the criteria.
23 The original person that described dysplastic
24 nevus, which is Wallis Clark, made a big point of
25 it being cellular atypia. And that's really

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1 controversial, whether there is or not. I don't
2 know at this point. We presumably should be trying
3 to determine cellular melanocyte or cellular atypia
4 as well with that plastic nevus.

5 Q. Well, how do you then microscopically or
6 otherwise pathologically distinguish a dysplastic
7 nevus from a papilloma?

8 A. Now, when you say papilloma you just, I
9 mean, you know, I'm a pathologist, so I--a
10 papilloma in my view is not a pigmented lesion. A
11 papilloma is a squamous little skin tag or
12 something. So it doesn't, it's not even in the
13 same category.

14 Q. All right, very good.

15 A. A dysplastic nevus is way--no, that's
16 way, way different. Under the microscope there
17 would be no, not even the faintest of a problem in
18 differentiating, because a papilloma does not have
19 nevus cells. It's not a--

20 Q. There are no melanocytes?

21 A. Well, there might be a few but not
22 many. There wouldn't be a proliferation of
23 melanocytes.

24 Q. Ordinarily there wouldn't be enough to
25 alter its color, is that true?

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1 A. I think some of the papillomas are

2 brown. But, again, it's from a pathology point of
3 view, you know. I've received papillomas, many of
4 them that were described as being nevi, and I
5 don't, you know, under the microscope they're
6 obviously not nevi, they're papillomas, and the
7 other way around as well. So I don't think
8 clinically it's all that clear, from my view,
9 because I've seen too many skin lesions given to me
10 with the wrong clinical impression.

11 Q. So, in other words, a physician could
12 think he's seeing a papilloma and actually be
13 looking at an architecturally imperfect nevus?

14 A. Yes, um-hmm. But, again, that papilloma
15 is kind of a vague term. I'm a little hesitant
16 because if I'm going to say papilloma I'm asking to
17 say squamous papilloma. Pathology has all kinds of
18 terms that I'd use.

19 Q. If the patient presents, doctor, with a
20 concern about a mole of long-historical duration,
21 perhaps congenital and perhaps not, but of
22 long-standing duration, with a complaint that the
23 mole is at enhanced levels of sensitivity or
24 sensation, that it has grown, changed in color, and
25 that its borders have changed in the recent past,

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1 and upon-questioning describes the lesion as a mole
2 of long duration, would you expect the physician to
3 think that he or she is looking at what is
4 conventionally called a papilloma by physicians?

5 MR. BATAILLON: Object, foundation. You
6 can answer, doctor. It's hypothetical too.

7 THE WITNESS: I don't think--I don't
8 think most physicians get moles and papillomas
9 mixed up.

10 Q. (By Mr. Domina) Okay.

11 A. I don't think--I mean, I think it would
12 be rare. I think most physicians that would look
13 would know a mole. And, you know, the mole is a
14 lay term for a pigmented lesion or a melanocytic
15 lesion, so I don't think they'd get those two mixed
16 up, although some could. But generally I would
17 think they wouldn't.

18 Q. Do the melanocytes, the cells
19 themselves, ordinarily cluster in a predictable
20 fashion if they are growing with what I guess I'll
21 call architectural normality, to try to stay with
22 the terminology you suggested?

23 A. So, in other words, the benign nevus,
24 how do I tell that?

25 Q. Yes, you have a better question, thank

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1 you.

2 A. Well, I see about 20 a day. Because I
3 do, truly, I see about 20 nevi a day. And I go
4 through the drill of why this is a nevus and not a
5 melanoma or not anything atypical. Basically, once
6 those melanocytes start to proliferate we called
7 them nevi cells, and they're usually in a nice,
8 symmetrical nodule underneath the skin surface.
9 And, you know, I have all kind of criteria that I
10 use, about ten that I look at. But basically
11 they're, they're pretty bland. They're--as they go
12 deeper into the dermis they tend to get smaller,
13 don't tend to invade the epidermis. There's no
14 inflammation with them, unless the nevus has been
15 irritated or ulcerated on the surface by
16 scratching.

17 Q. Do you use a written protocol, a
18 checklist, if you will?

19 A. That's all--

20 Q. You probably know it well enough now you
21 don't have to?

22 A. Well, with anything you have, you have
23 to go through a certain sequence to remember to
24 look at this, this, and this.

25 Q. What I wonder is, even though obviously

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1 you don't need it because you have it committed to
2 memory, is it a written protocol that you keep on
3 the premises of the lab somewhere?

4 A. Not particularly. It's--there are
5 various articles that are published, various
6 textbooks that are written will have a little list
7 of like a pros and cons. Obviously this would be
8 criteria for malignant melanoma, a criteria for
9 benign nevus, and they would compare the two.

10 Q. I take it that you can get through the
11 list and at the conclusion not be sure?

12 A. Right, there are some that, there are
13 some, I mean pigmented lesions are very, very
14 complicated. There's books written on them. I've
15 gone to conferences where we've just discussed them
16 and there are all kinds of them. And there are
17 cases where, well, you know, there are cases that
18 I'm not sure on. When I'm not sure on a lesion I
19 usually have a consultant that I send it to, to
20 look at it and help me make that decision.

21 Q. Okay. And in the case of a pigmented
22 lesion, if there is doubt would you ordinarily
23 communicate the doubt to the physician who submits
24 the tissue with a recommendation that it be
25 excised?

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1 A. As far as I'm concerned,, any pigmented
2 lesion should be excised so as to get a biopsy. IF
3 they don't, I'm very disturbed. That's the way I
4 make mistakes. That's called a pitfall that I
5 wouldn't want to--

6 Q. Explain what you mean. It's just too
7 risky?

8 A. Oh, yeah, you don't biopsy a pigmented
9 lesion unless they're under very rare
10 circumstances.

11 Q. You just take it out?

12 A. You take it out, yeah, give me the whole
13 thing.

14 Q. I presume that's because they're so easy
15 to remove?

16 A. Yeah, they're small enough to remove.

17 Q. There's no--

18 A. Rarely you'll have a large congenital
19 nevus with a nodule in it and rather than take out
20 this large nevus they'll give me the nodule. But
21 that's so rare that I can barely remember when I
22 did it last.

23 Q. Okay. In this particular case, you
24 mentioned that you looked at Dr. Nagengast's
25 record. Did you look at the pathology report that

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1 came back to his office after he submitted the
2 excised tissue material--

3 A. Yes, um-hmm.

4 Q. --to the lab in Sioux Falls?

5 A. Yes, I did.

6 Q. Are you familiar with the
7 Nichols Laboratory in Sioux Falls?

8 A. Just I know there's one up there but I
9 don't know the physicians.

10 Q. You don't know the doctor who looked at
11 this particular specimen?

12 A. No, I don't.

13 Q. Did you also obtain the actual elide
14 from there?

15 A. I received--I obtained a recut. It
16 wasn't an original slide, but as far as I'm
17 concerned it was a very close facsimile thereof.

18 Q. Close enough so it was satisfactory for
19 your purposes?

20 A. Sure.

21 Q. Do you concur with the diagnosis made
22 there?

23 A. Yes, I do. Easy diagnosis.

24 Q. When you say easy, what do you mean?

25 A. Nodular malignant melanoma.

Page 13

1 Q. And its characteristics?

2 A. Well, it was a nodule. The skin over
3 the surface was ulcerated. The tumor was composed
4 of very atypical tumor cells that infiltrated down,
5 forming a rather large nodule and extended into the
6 deeper aspects of the skin, or the dermis. It's
7 just, again, it was very classic for malignant
8 melanoma. Nobody would miss that one.

9 Q. And were you able to estimate how long
10 the malignancy had been in this particular nevus?

11 A. No. There was--again, there wasn't a
12 nevus there anymore. It was all malignant
13 melanoma.

14 Q. Can you estimate the age of the
15 malignancy?

16 A. Not really. I mean, one thing about a
17 malignant melanoma, it doesn't grow in a linear

18 fashion. They tend to go by growth and then they
19 go in remissions and sometimes even regressions.
20 And so that's as far as I'm concerned the growth rates
21 of a malignant melanoma is not linear at all. It
22 would be very difficult to know.
23 Q. Other than to guess, is there any way
24 for you to say how long this patient had had some
25 malignancy present in the lesion that was removed

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1 from her body by Dr. Nagengast?
2 MR. BATAILLON: Object to the form of
3 the question. You can answer, doctor.
4 THE WITNESS: Do I know how long the
5 malignant melanoma has been there?
6 Q. (By Mr. Domina) Yes, sir.
7 A. No.
8 Q. Are you able to estimate the shortest
9 period of its possible duration before it was
10 excised?
11 A. Not really. I know that malignancies
12 start with one cell and that one cell divides and
13 divides and divides. Usually by the time I see a
14 tumor, it been there quite awhile. What is quite
15 awhile? Months.
16 Q. In the case of malignant melanoma, for
17 instance, this is a disease that does move very
18 rapidly if not treated early and removed from the
19 body, isn't it?
20 A. How fast is very rapidly? I don't--
21 Q. Well, let's compare it with cervical
22 cancer, for example, which may develop over a
23 decade or two.
24 A. Yes, it's an aggressive-growing tumor.
25 Q. Melanoma commonly kills in a year,

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1 doesn't it?
2 A. Well, if it's--yeah, it could, um-hmm.
3 I guess one to two to three years.
4 Q. And from the time when the first cell
5 that could be defined as malignant appears in
6 pigmented nevus tissue until you'd expect the
7 vertical growth phase of that cell to extend down
8 into the cutaneous tissue would be how long?
9 A. That depends on the type of melanoma.
10 Q. What kind was this?
11 A. This was a nodular malignant melanoma.
12 It probably had--if it had a radial growth phase at
13 all, it was very short or nonexistent.
14 Q. You think its entire growth phase was
15 vertical then?
16 A. I'd say either its entire growth phase
17 was vertical. Or it might have had a very, very
18 short one which would, you know, I don't know how
19 short "short" is, but I would say--
20 Q. Hours or days?
21 A. It might be days, right. That's another
22 thing, this presumably was a congenital nevus. And
23 melanomas can develop down in the deeper aspects of
24 congenital nevi rather than up on the surface,
25 whereas in the majority, most malignant melanomas

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1 are what we call superficial spreading melanomas
2 and start at the surface and go through a very
3 prolonged radial growth phase before vertical.
4 This was a very different lesion. It
5 was a nodular malignant melanoma, which, again,
6 didn't--I mean, it might well have just started
7 with a vertical growth phase.
8 Q. And there's no way to know, is there,
9 where within the nevus the malignant growth
10 initiated?
11 A. No, because it--by the time that we see
12 it under the microscope there is no nevus there;
13 it's all gone.
14 Q. What's the frequency of this nodular
15 type of malignant melanoma as compared with all
16 melanomas?
17 A. Let me see if I can remember. There's a
18 range that they give and it seems like it's
19 10 to 20 percent, something along that. I remember
20 20 percent something.
21 Q. It's not a number you carry about with
22 you, I take it?
23 A. No, not really.
24 Q. I really didn't intend to quiz you and
25 make you feel uncomfortable with the question.

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1 A. It depends on which study you would look
2 at. Most of the ranges I've seen can range from
3 like 10 to 20 percent, whereas the superficial
4 spreading would be I suppose 50 to 60 percent,
5 so it's, I don't remember for sure the percentage
6 range but I know it's quite a bit below the
7 others. The most common is the superficial
8 spreading.
9 Q. Is it true that a statistically
10 significant percentage of congenital nevi develop
11 melanoma?
12 A. Very controversial. Very controversial.
13 Q. And what is the nature of the
14 controversy about, as you understand it?
15 A. The first nature is trying to define
16 what a congenital nevus is.
17 Q. Once that's done?
18 A. Even after that's done it's
19 controversial because you have to rely on history.
20 Well, how good is history? History is as good as
21 the person giving it to you. Congenital nevus
22 presumably is one that was there when the patient
23 was born, but you have these other type of nevi
24 that pop up at an early age and is that congenital
25 or not? I really don't think that it makes that

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1 much difference.
2 There was a couple of articles on
3 whether all congenital nevi should be removed and,
4 again, that's again controversial. As I read the
5 literature, it seems that if they get over a
6 centimeter and a half then they definitely should
7 be removed. Under a centimeter and a half they
8 probably shouldn't, it's their--they shouldn't be.
9 But, again, that's not my--has to be more in the
10 realm of a surgeon than a dermatologist to follow
11 that literature a little closer. In my view, it's
12 very controversial.
13 Q. Are you aware of published cases that
14 estimate that at least five percent of nevi of long
15 duration, whether there at birth or appearing in
16 early childhood, develop into malignant melanoma in
17 white--in the Caucasian population?
18 A. I think I am aware of that. I've also
19 just recently read some articles that refuted that
20 and said that, again, that the definition of a
21 congenital nevus was so vague that they really
22 couldn't make that statement. So I'm not, you
23 know, I've read it but I don't know if I believe it
24 or not. I would think it would be much lower than
25 that personally but--

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1 Q. Do you recall the source of the articles
2 that you think may refute that?
3 A. Lo, I don't. I'm not that--my mind
4 doesn't work that way. It's probably one of
5 the--like I say, I go to conferences quite
6 frequently and listen to lectures, and it probably
7 came from one of most recent ones, I understood.
8 Q. When did you last attend a conference at
9 which melanoma was the topic?
10 A. Wednesday night.
11 Q. And where was that?
12 A. At the Nebraska Association of
13 Pathologists. We had a scientific session by a
14 Dr. Pelligrini from Ohio University who was one
15 who studies melanomas. He gave us a talk on
16 dysplastic nevi, as a matter of fact.
17 Q. Did he present materials--
18 A. Yes, um-hmm, yeah.
19 Q. --including either epidemiological
20 studies or clinical trials?
21 A. The main subject of that meeting was the
22 differentiation of a spitz nevus from the malignant
23 melanoma.
24 Q. Which is also a difficult task, isn't
25 it?

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1 A. Very difficult. That's the main thing.
2 Just at the very end he talked about dysplastic
3 nevi just as sort of in passing. He didn't have a
4 handout, so I can't go much on, other than it was a
5 good talk.
6 Q. In fact, the need to distinguish between

7 a spitz nevus and a malignant melanoma is something
8 that is known to pathologists universally, isn't
9 it; a physician in pathology knows you've got to be
10 sure about which of those two you're dealing with?
11 A. Yes, definitely.
12 Q. And you'd expect a family practice
13 physician to know that there is a need
14 pathologically to make that distinction upon
15 submission of tissue--
16 MR. BATAILLON: Objection, foundation.
17 Q. (By Mr. Domina) --wouldn't you?
18 A. A physician that takes off any pigmented
19 lesion wants to know what it is.
20 Q. But just the term spitz--
21 MR. BATAILLON: Objection, foundation.
22 Q. (By Mr. Domina) --would generally be
23 known to physicians, wouldn't it?
24 A. I've found some that don't know what it
25 means. That's more of a pathological term. You

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I have really got to be into skin pathology to really
2 know what that is. Some clinicians do and some
3 don't. So I don't, I don't think I'd expect that.
4 Q. Insofar as you're concerned, given the
5 high regularity with which you contact tissue
6 submitted for pathological examination to determine
7 whether it's a malignant melanoma or not, when
8 should a primary care physician refrain from
9 excising pigmented lesion tissue?
10 MR. BATAILLON: Objection; foundation.
11 THE WITNESS: I can't answer that. I
12 know that--
13 Q. (By Mr. Domina) Insofar as you're
14 concerned, should he ever refrain from it?
15 MR. BATAILLON: Objection; foundation.
16 THE WITNESS: I think he has to. Too
17 many people have too many moles. You can't take
18 them all. There's got to be some sort of a, there
19 has to be some sort of a decision made someplace
20 along the line that this mole should or shouldn't
21 come off. I don't think they all can come off.
22 They could but it might raise the cost of medicine
23 sky high.
24 Q. (By Mr. Domina) Should they all come
25 off because the patient presents them and reports

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change?
2 MR. BATAILLON: Objection; foundation.
3 THE WITNESS: I think it would depend a
4 lot on, would depend a lot on what the change was.
5 Q. (By Mr. Domina) Coloring and size?
6 MR. BATAILLON: Objection; foundation.
7 THE WITNESS: It--I can't answer that.
8 Too many unknowns for me to answer it.
9 Q. (By Mr. Domina) Do you have an opinion,
10 Dr. Gammel, about when Donna Wiebelhaus's melanoma
11 metastasized?
12 A. I feel it metastasized very early on in
13 its trans--when it went, transformed into
14 melanoma. Very, very early. Perhaps after the
15 first ten cells were developed. In other words, I
16 think its metastasis occurred right at just about
17 the same time it transformed over.
18 Q. And why do you think that?
19 A. Well, mainly because of the size of the
20 metastasis.
21 Q. And by that you mean its depth?
22 A. No, the size of the metastasis, the
23 axillary node that contained the malignant
24 melanoma.
25 Q. And you'll recall that there were how

Page 43
1 many axillary nodes involved in October when she
2 was operated on at the University?
3 A. One.
4 Q. One of how many?
5 A. I can't remember. 15.
6 Q. 15, I believe?
7 A. Something like that.
8 Q. And the size of that metastasis was
9 significant to you how?
10 A. Two centimeters.
11 Q. And what does that suggest to you?
12 A. That suggests to me that since the
metastasis was larger than the primary, that they
would be growing at the same rate. And if you

15 extrapolate them both back, I would say that this
16 metastasis occurred very, very early, at the
17 inception of the, when the actual primary turned
18 over to a malignant melanoma.
19 Q. How long do you think it took for the
20 axillary node to grow from its first incidence of
21 cancerous growth to the size of two centimeters?
22 A. Again, I have no idea on that, as I
23 don't have any idea on the primary. But if I
24 compare the two, I would say they grew similarly;
25 they grew in tandem.

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1 Q. Would you anticipate that that growth in
2 the axillary node could have occurred over a period
3 of 30 days?
4 A. I would think it would be much longer.
5 Q. How much longer?
6 A. I don't know. I guess we'd have to get
7 down to what we considered the doubling time of
8 this tumor, and I don't know what that is, really.
9 I know that it seemed to have doubled from the time
10 it was described as being 7 millimeters until the
11 time it was removed and measured as
12 1.5 centimeters. So I have that framework, and I
13 guess if I put it in that framework I'd say it
14 would take several months for it to get that size.
15 Q. Well, now wait a minute. We're talking
16 about 7 millimeters being what it looked like on
17 the surface of the skin, isn't that right?
18 A. That's right.
19 Q. But you said earlier that it didn't go
20 through a radial growth phase?
21 A. That's right.
22 Q. So it could have grown into the skin,
23 metastasized, and never transformed in appearance
24 on the surface?
25 A. Yeah. But the measurement of the lesion

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1 when it was taken out was 1.5 by 1.5 by point 5,
2 so--
3 Q. What does that suggest to you; that it
4 did have a radial growth phase?
5 A. No, no, just that's what I had--when it
6 grew it was more of a polypoid growth rather than
7 down into the tissue growth, and that's why we
8 measure them. It's not as much, not so much how
9 deep this invades, just how thick they are. And
10 that's related to the prognosis.
11 Q. For the metastasis to occur, the
12 cancerous cells have to get into a fluid-bearing
13 vessel in the body, don't they?
14 A. Yes, they have to be down in the derma,
15 which is in the dermis.
16 Q. And without knowing where this one
17 started its growth we wouldn't know when the
18 invasion into the dermis occurred, would we?
19 A. Well, again, nodular malignant melanomas
20 invade the dermis very, very early in their
21 inception, and especially from a congenital nevus
22 it could have started there, but I don't know.
23 Q. And is it possible, then, that there
24 could have been some malignancy in that nevus for a
25 period of years?

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1 A. I don't know. I don't know that. I
2 know that malignant melanomas are really peculiar
3 malignancies and have tendencies to start and then
4 go into remission. And I've even looked at some of
5 the superficial spreading variety where they've
6 regressed. I've seen malignant melanoma primaries
7 that have caused metastasis and the primary
8 regresses to nothing. And why that happened I
9 don't know.
10 Q. So, in other words, in this case it's
11 possible that that axillary node could have grown
12 while the primary lesion on the back could have
13 shrunk?
14 A. Well, again, no, I don't believe that.
15 I think the--well, I guess you could say that.
16 Q. That would be consistent with something
17 you've at least seen happen before?
18 A. Well, but I saw no evidence of
19 regression in the primary lesion. Bee, evidence of
20 regression would be fibrosis, inflammation, and
21 there wasn't any fibrosis or inflammation. 80
22 evidence of regression usually is something that

23 you can see under the microscope.
24 Q. There was, of course, no charting or
25 mapping or photography of this particular lesion in

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1 your medical records of Dr. Nagengast, was there?
2 A. No, not necessarily.
3 Q. So really the only thing we know about
4 how the primary lesion changed in size, other than
5 the gross dimensions reported at the first date and
6 the last date I guess, by Dr. Nagengast, that is,
7 are from the history related by the patient and her
8 husband, aren't they?
9 A. I missed that again. Would you--
10 Q. I apologize to you.
11 A. All of a sudden you switched over.
12 Q. It probably got to be too complicated a
13 question I have might have lost myself at.
14 Dr. Nagengast didn't chart it or describe it except
15 with an approximation at the, I guess at the end,
16 that it had doubled in size, basically, is what he
17 said?
18 A. No, the only thing I saw from
19 Dr. Nagengast is he estimated it at 7 millimeters
20 as its start. I don't think he said anything about
21 its end. I'm taking the end from the pathologist.
22 Q. From the pathologist?
23 A. From the pathology description.
24 Q. Okay. And everything else we know about
25 what happened to this lesion before it was excised

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1 is information gathered from Mrs. Wiebelhaus and
2 her husband, isn't it? I mean, there are no other
3 historians known to you, are there?
4 A. No.
5 Q. At some point in time the patient
6 reported that this lesion ulcerated. Is that
7 somehow pathologically diagnostically significant
8 to you, doctor?
9 A. Ulceration on a malignant melanoma is an
10 ominous sign. I have seen a lot of normal, benign
11 nevi that are ulcerated by scratching, by clothes
12 that rub. So, you know, again, I've seen both.
13 But if it's a malignant melanoma and ulcerates,
14 it's an ominous sign, yes. And, again, if it's a
15 normal nevus and it's scratched, it's not.
16 Q. Ulceration, then, is not a by-product of
17 the malignancy, is it?
18 A. Yes, I think if it's a malignant
19 melanoma and it ulcerates it's not because it was
20 scratched; it's because it probably outgrew its
21 blood supply and the top of it is starting to
22 increase.
23 Q. And it has outgrown the epidermis then?
24 A. Yes.
25 Q. So what we're seeing is at that point

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1 we're actually shedding cancerous cells?
2 A. Or else they're dying on the surface.
3 Q. Pathologically, then, with an
4 ulceration, it wouldn't even be necessary to excise
5 it; you could simply scrape the ulcerated tissue
6 and you might be able to diagnose melanoma?
7 A. I would never--I never would get that,
8 no. It would be just too necrotic, too much
9 inflammation, you wouldn't have a chance. I would
10 not recommend that.
11 Q. I'm not asking you--
12 A. Don't give me one of those.
13 Q. I'm not asking you for a
14 recommendation.
15 A. Well, the answer to that is still no. I
16 mean, I don't know of anybody that does that.
17 That's not a diagnostic procedure, to diagnose
18 malignant melanoma in its primaries, in my view.
19 Q. Would you expect if you--would you
20 expect to see melanoma cells in the oozing
21 material, that is, the ulceration from a malignant
22 melanoma if you looked at it microscopically?
23 A. I think the melanoma cells would be so
24 necrotic that they probably would be
25 unrecognizable. They would be there but I could

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1 not recognize them under the microscope.
2 Q. This particular tumor was identified as
3 being a Stage III or IV, do you recall which tumor,

4 by the people in Sioux Falls?

5 A. See, I really don't get into the staging
6 of melanomas. That's a clinical staging, and all I
7 do, I'm not--when I go into the study of the
8 melanoma I go into more its thickness at the class
9 level, and so I'm not really, staging is not that,
10 I don't have that off the top of my head. I can
11 look it up; I've got it in my books. I don't
12 know that off the top of my head. All I know is it
13 was a Class Level IV.

14 Q. What does that mean to you?

15 A. That means it goes down into the
16 reticular dermis, goes down into the deeper layers
17 of the dermis. The skin is epidermis and dermis
18 and Class Level I is in-situ, and then II, III, IV,
19 V.

20 V is subcutaneous, all the way through
21 the skin, so this one then invaded the dermis.

22 Q. And do you have any way of knowing how
23 many days or weeks prior to excision it had first
24 invaded the dermis?

25 A. No. But again, it's a nodular melanoma,

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1 so it's been there quite awhile.

2 Q. What does that mean?

3 A. Well, if it's a nodular malignant
4 melanoma, that means it had a very short or
5 nonexistent vertical growth phase--I mean,
6 correction, radial growth phase, and it went
7 directly into a vertical growth phase. A vertical
8 growth phase means it goes into the reticular
9 dermis. So there would be reticular dermis
10 invasion very early after its inception.

11 Q. What is the period of time that's
12 required for a melanoma cell to move from new
13 formation to the cellular division?

14 A. I don't have--like I say, it's a very
15 aggressive, very fast tumor cell.

16 Q. Does that happen in the course of
17 several days, several hours?

18 A. I don't know that. I've never been
19 involved in that.

20 Q. Does it happen predictably?

21 A. As far as I know, the malignant
22 melanomas, they have a very--they do not grow
23 linearly, so they may grow fast for awhile and for
24 some reason not grow fast, they stop. And so I
25 don't know.

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1 Q. So it really isn't possible for you to
2 say, then, on a reasonably certain basis, is it,
3 doctor, that this particular melanoma had been
4 present in the dermis for an extended time without
5 knowing something about its rate of growth? I
6 mean, it would be a guess, wouldn't it?

7 MR. BATAILLON: Object to the form of
8 the question. You can answer, doctor.

9 THE WITNESS: Let's see. Do I know how
10 long the tumor cell had been in the dermis? I
11 guess again the answer is no, because I don't know
12 how fast it's grown. I don't know. I think we
13 started the whole thing with that admission, that I
14 don't know how long tumor cells would be in the
15 dermis.

16 Q. (By Mr. Domina) Have you done any
17 previous work for Mr. Bataillon or his law firm?

18 A. No.

19 Q. Have you testified previously in
20 professional negligence litigation?

21 A. No.

22 Q. Have you had the unfortunate experience
23 of being involved in any as a defendant?

24 A. Yes.

25 Q. And when?

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1 A. Oh, several years ago I missed a nodular
2 malignant melanoma. I misread it.

3 Q. And there was a suit that was filed as a
4 result of that?

5 A. Yes.

6 Q. What was the result?

7 A. It was settled out of court.

8 Q. And the outcome for the patient?

9 A. I really don't know. I didn't follow it
10 up.

11 Q. Do you know where that case occurred, in

12 what jurisdiction, in what court?
13 A. Patient was in Seward.
14 Q. And an far as you know the case was
15 filed in Seward?
16 A. I'm not sure. I just know--
17 Q. Was PUS a party to that case as well as
18 you? You are associated with PMS?
19 A. Yes.
20 Q. Doctor, do you involve yourself in any
21 way with patient education about malignant
22 melanoma?
23 A. No, no, I don't.
24 Q. I take it that in this case you're not
25 going to testify about the physician's duty to

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1 educate the patient about the risks of changes in
2 pigmented nevi, are you?
3 A. No.
4 Q. Did you look at the pathology and
5 histopathology slides from UNMC?
6 A. Yes.
7 Q. Were they significant to you in forming
8 opinions?
9 A. Yes, um-hmm.
10 Q. And was that significance centered on
11 the size of the axillary node's--
12 A. Yes.
13 Q. --disease involvement? Was there any
14 other diagnostic significance besides the size of
15 that malignancy in the node?
16 A. No, that was really all that impressed
17 me, that was it, size.
18 Q. Would you have recommended any course of
19 treatment for the patient after excision of that
20 axillary node different from what you know she
21 experienced?
22 MR. BATAILLON: Objection; foundation.
23 THE WITNESS: I don't treat.
24 (By Mr. Domina) So the answer is no
25 because it wouldn't be your field?

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1 A. No, it's not my field.
2 Q. Do you hold any opinions about this case
3 or this patient's course that you haven't expressed
4 during our discussion today?
5 A. No, I think we've hit the main point. I
6 don't think I--I don't think so. I think we've
7 covered just about everything I had in mind.
8 MR. DOMINA: Thank you very much,
9 doctor. No further questions.
10 CROSS-EXAMINATION
11 BY MR. BATAILLON:
12 Q. Doctor, the patient presented to
13 Dr. Nagengaet on July 8th, I believe it was?
14 MR. DOMINA: 9th, Joe.
15 MR. BATAILLON: Was it the 9th?
16 (By Mr. Bataillon) The patient
17 presented on July 9th, 1992 with the first report
18 of a mole that Dr. Nagengast examined. Dr.
19 Nagengast recommended excision on August 22, 1992?
20 A. About six weeks later.
21 Q. All right. And the mole was excised on
22 September 14, 1992?
23 A. Okay.
24 Q. Do you have an opinion as to whether or
25 not the mole was--strike that. Do you have an

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1 opinion as to whether or not there was distant
2 metastasis on July 9, 1992?
3 A. Yes, I feel that there most likely was.
4 Yes, I think there was, because of the size.
5 Q. All right.
6 MR. DOMINA: Move to strike as not
7 responsive and volunteering by the witness.
8 Q. (By Mr. Bataillon) Because of the size
9 of the distant metastasis, is that correct?
10 A. At the time of its excision.
11 Q. Last September 14, 1992--
12 A. Yes.
13 Q. --is that correct?
14 A. Yes.
15 Q. All right. You can't tell us the exact
16 date that it started as far as the melanoma is
17 concerned, is that correct?
18 A. That's correct.
19 Q. But based on the size of the melanoma

20 that you saw from a primary lesion and the size of
21 the nodular, or of the lymph node that you saw, is
22 it your opinion that on July 9, 1992, that there
23 was already metastasis?
24 A. Yes, it is.
25 MR. BATAILLON: I don't have anything

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1 further. I think that covers everything.
2 REDIRECT EXAMINATION
3 BY MR. DOMINA:
4 Q. Doctor, the first presentation to
5 Dr. Uagengaet was on July 9th but the first distant
6 metastasis identified was in mid-October, not
7 mid-September, at the University of Nebraska
8 Medical Center. The pathology--
9 A. Yes.
10 Q. --in September was, of course, only at
11 the primary site?
12 A. That's right. And it was done, I
13 think--no, wait a minute. At the University they
14 did the reexcision of the skin and the axillary
15 node reexcision. Yeah, they did two separate
16 things, but at the same time.
17 Q. They did a reexcision within several
18 days. In September they did the--
19 A. I thought it was at the same time.
20 Q. Well--
21 A. But, again, I'd have to reread. But
22 it's very close, very close, yes.
23 MR. DOMINA: That's all I have. You a
24 have a right to read your deposition and sign it or
25 you can waive that right, whichever you'd prefer.

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1 THE WITNESS: I'd like to read it.
2 MR. BATAILLON: One thing further.
3 RECROSS-EXAMINATION
4 BY MR. BATAILLON:
5 Q. Doctor, Mr. Domina asked you if you'd
6 ever testified in a medical negligence setting, and
7 I think by that not only go to court but do a
8 deposition. Have you done depositions in medical
9 negligence settings, if you can recall?
10 A. The only thing that I've testified on,
11 I'm in the coronary as far as I do autopsies on the
12 forensic so I've done a lot of testimony for
13 autopsies and deaths and this sort of thing. And
14 some of those might have been in the negligence
15 line.
16 Q. But not against physicians, I take it?
17 A. No.
18 Q. Depositions?
19 A. I've done a lot of depositions for
20 autopsies that I've done.
21 Q. I just wanted to make sure you
22 understood the question, that's all.
23 MR. BATAILLON: Nothing further.
24 (The deposition of
25 Dr. George Gammel concluded
at 4:35 p.m. on this 20th day

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1 C S R T I F I C A T E
2 STATE OF NEBRASKA)
3) ss.
4 COUNTY OF LANCASTER)
5 I, the undersigned, Dr. George Gammel, do
6 hereby certify that I have read the foregoing
7 deposition and that, to the best of my knowledge,
8 said deposition is true and accurate with the
9 exception of the following corrections(s) listed
10 below:
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Page Line Correction/Reason
DATE: SIGNED: