

## 1 IN THE COURT OF COMMON PLEAS

2 LAKE COUNTY, OHIO

3  
4 KATHLEEN SANTON, )  
et al., )

5 Plaintiffs, )

6 vs. )

Case No. 92 CV 000987

7 STATE FARM INSURANCE )  
8 COMPANY, et al., )

9 Defendants. )

10  
11  
12 Deposition of ROBERT C. CORN, M.D.,13 taken as if under discovery examination before  
14 Catherine Radie, a Notary Public within and for  
15 the State of Ohio, and by videotape, at the offices of  
16 Robert C. Corn, M.D., 850 Brainard Road, Highland  
17 Heights, Ohio 44143, at 5:50 P.M., Monday, the 25th  
18 day of October, 1993, pursuant to notice and  
19 stipulations of counsel, on behalf of Defendant  
20 State Farm Insurance Company, to be read into  
21 evidence at the trial of the above-entitled cause.22  
23 KATHRYN KINNEY FOXX COURT REPORTERS  
24 8547 HILLTOP DRIVE  
25 MENTOR, OHIO 44060  
(216) 257-5511

1     APPEARANCES:

2                     Nurenberg, Plevin, Heller &  
3                     McCarthy Co., L.P.A., by  
4                     Mr. David M. Paris,

5                             On behalf of the Plaintiffs;

6                     Svete & McGee Co., L.P.A., by  
7                     Mr. James P. Carrabine,

8                             On behalf of Defendant  
                           State Farm Insurance Company;

9                     Davis & Young Co., L.P.A., by  
10                     Mr. David J. Fagnilli,

11                            On behalf of Defendant  
                          Cincinnati Insurance Company.

12  
13                            - - - - -

14  
15                            STIPULATIONS

16  
17                     It was stipulated by and between counsel for  
18                     Plaintiffs and Defendants, that this deposition may  
19                     be taken in stenotypy by Catherine Radie; that said  
20                     stenotype notes may be subsequently transcribed into  
21                     typewriting in the absence of the witness, and that  
22                     the reading and signing of the deposition by the  
23                     witness are waived.

24  
25                            - - - - -

OBJECTIONS INDEXOBJECTIONS:

	<u>Page</u>	<u>Line</u>
By Mr. Paris:	30	13
	84	15
	86	4
By Mr. Carrabine:		
	49	21
	51	10
	52	6
	52	13
	52	25
	53	20
	67	7
	79	21
	80	4
	80	8
	80	19
	80	23
	81	3
	81	P0
	81	15
	81	18
	81	23
	82	7
	82	15
	82	22
	83	1
	83	8
	83	16

(CONTINUED ON NEXT PAGE)

OBJECTIONS INDEX, CONTINUEDOBJECTIONS :                      Page              Line

By Mr. Fagnilli:

49	25
50	6
51	11
52	a
52	14
53	1
53	19
79	23
80	9
80	20
81	11
82	8
82	23
83	2
83	9
83	17

MOVE TO STRIKE:

By Mr, Paris:

30	13
84	a
85	21



1 MR. CARRABINE: Let the record  
2 reflect that this is the videotape  
3 deposition of Dr. Robert Corn, which  
4 is being taken by the Defendant, and  
5 for the purpose of playing it in  
6 lieu of live testimony at trial.

7  
8 ROBERT CORN, M.D., of lawful  
9 age, called by Defendant State Farm  
10 Insurance Company for the purpose  
11 of discovery examination, as provided  
12 by the Ohio Rules of Civil Procedure,  
13 being by me first duly sworn, as  
14 hereinafter certified, deposed and  
15 said as follows:

16  
17 DIRECT EXAMINATION OF ROBERT CORN, M.D.

18 BY MR. CARRABINE:

19 Q. Dr. Corn, would you be kind enough to tell the  
20 ladies and gentlemen of the jury your full name  
21 and address, please?

22 A. My name is Robert Curtis Corn, C-o-r-n. My  
23 office address is 850 Brainard Road in Highland  
24 Heights, Ohio.

25 Q. Are you a medical doctor?

1 A. Yes, I am.

2 Q. How long have you been licensed to practice  
3 medicine in the State of Ohio, Doctor?

4 A. Since 1976.

5 Q. Do you specialize in any particular field?

6 A. I'm an orthopedic surgeon.

7 Q. Could you tell the ladies and gentlemen of the  
8 jury what it means to be an orthopedic surgeon?

9 A. Orthopedic surgery is that branch of medicine  
10 which involves the medical and surgical  
11 treatment of diseases, disorders and injuries  
12 of the musculoskeletal system. That includes  
13 the bones, muscles, tendons, joints and  
14 ligaments, and also has a number of areas  
15 of subspecialty -- surgery of the spine, surgery  
16 for total joint replacements, sports medicine  
17 surgery, arthroscopic surgery, and surgery of  
18 the hand.

19 Q. Are you Board certified in your occupation,  
20 Doctor?

21 A. Yes, I am.

22 Q. And what does it mean to be Board certified?

23 A. Board certification is a designation given by  
24 the American Board of Orthopedic Surgery. The  
25 Board is a committee that is set up by each of

1           the medical and surgical subspecialties for  
2           standards of care, standards and qualification  
3           of training, as well as certain examinations.  
4           And after fulfilling the obligations that were  
5           deemed necessary by the Board, the Board  
A           certifies you.

7       Q.     Doctor, could you briefly tell the jury what  
8           your education and training has been since  
9           -- beginning with college, please?

10      A.     I received my Bachelor of Science in Biology  
11           from the Albright College in Reading,  
12           Pennsylvania in 1971.

13           I then moved to Philadelphia, Pennsylvania,  
14           where I attended the Hahnemann University  
15           School of Medicine from 1971 through 1975. I  
16           graduated with my M.D. Degree from that  
17           institution in June of 1975.

18           I then moved out here to Cleveland, where  
19           from 1975 through 1979, I completed the  
20           orthopedic residency program at the Cleveland  
21           Clinic, and from August of 1979 to the present,  
22           I've been in the private practice of orthopedic  
23           surgery.

24      Q.     Doctor, do you have staff privileges at any of  
25           the hospitals in this area?

1 A. Yes.

2 Q. Which hospitals are those?

3 A. I'm an attending orthopedic surgeon at the  
4 Meridia Huron Hospital, Meridia Euclid  
5 Hospital, Meridia Hillcrest Hospital, Lake  
A County Hospital System, Mt. Sinai Medical  
7 Center, and Community Hospital of Bedford.

8 Q. Are you a member of any medical associations,  
9 and if so, tell the jury some of those  
10 associations?

11 A. Yes, I am. I am a Fellow in the American  
12 Academy of Orthopedic Surgeons, a Fellow in the  
13 American College of Surgeons, a member of the  
14 American Medical Association, Ohio State  
15 Medical Association, Cleveland Academy of  
16 Medicine, Orthopedic Research Society, and a  
17 number of other organizations.

18 Q. Do you do any teaching, Dr. Corn?

19 A. Yes.

20 Q. Where do you teach at and what do you teach?

21 A. I'm a clinical instructor in orthopedic surgery  
22 at the Case Western University School of  
23 Medicine, and I'm also an assistant professor  
24 of orthopedic surgery at the Ohio College of  
25 Podiatric Medicine, the podiatrist school here

1 in Cleveland.

2 Q. Doctor, as part of your practice, I know you  
3 mentioned that you do orthopedic surgery, do  
4 you treat people who don't require surgery?

5 A. Yes, I do.

6 Q. Do you treat people who have injuries to their  
7 neck on a regular basis?

8 A. Yes.

9 Q. Do you treat people who have neck problems,  
10 even without injuries, on a regular basis?

11 A. Sure.

12 Q. Do you treat people who have arthritis in their  
13 neck?

14 A. Yes.

15 Q. And are those patients that you see on a  
16 regular basis in your practice?

17 A. I see the broad spectrum very usually every  
18 week.

19 Q. You've examined Kathleen Santon at my request;  
20 do you recall doing that?

21 A. Yes.

22 Q. And as a practicing orthopedic doctor, do you  
23 frequently examine people who have the same or  
24 similar symptoms and complaints that she has?

25 A. Yes, I do.

1 Q. When did you examine Kathleen Santon, Doctor?

2 A. On January the 9th, 1992.

3 Q. I see that you have a file there in front of  
4 you. Feel free to look at that if you need to,  
5 as I'm asking you questions.

6 Before you examined Kathleen Santon, did you  
7 take a history from her?

8 A. Yes, I did.

9 Q. What is it to take a history from a patient,  
10 what does that mean?

11 A. Well, the history is essentially the history of  
12 the present illness; that is, the complaints --  
13 what is the complaint and how did the complaint  
14 start, what's happened since the complaint  
15 began, what treatments had the patient had, any  
16 hospitalizations, surgery, testing, scans,  
17 leading up to the present time.

18 So it's a chronological recounting of all  
19 the medical care that was rendered from the  
20 time the symptom or problem started to the  
21 present time.

22 Q. So you actually sat down with Kathleen Santon  
23 and got all this information from her as to  
24 what had happened to her from the time of the  
25 accident up to the present time; is that

1 correct?

2 A. Right.

3 Q. And you also did a hands-on physical  
4 examination of her; is that correct?

5 A. That's correct.

6 Q. And did you look at all of her records from her  
7 doctors and the hospitals that she had been in?

8 A. After the examination, and when they arrived,  
9 yes, I did.

10 Q. And in addition to taking her history,  
11 examining her, and looking at her records, did  
12 you also look at her films, her MRI film, her  
13 X-rays and so forth?

14 A. Yes, I did.

15 Q. Without giving us the whole history from 1985  
16 through the present, since the jury has already  
17 heard that several times, can you tell us  
18 basically what the history was that Kathleen  
19 Santon gave you when she came in, mainly what  
20 her present complaints were at that time, when  
21 she saw you?

22 A. The complaints at the time of this evaluation  
23 were really solely residuals from her neck --  
24 her alleged neck injury. She was on no  
25 medications for her neck.

1           She was taking a medication, which I am sure  
2           was discussed, which is Prednisone, which is a  
3           very strong steroid anti-inflammatory  
4           medication that she was taking for her asthma,  
5           and that seemed to help her neck and her arm  
6           symptoms.

7   Q.       Did she tell you that?

8   A.       Yes.

9           She had an aching pain in the neck, which  
10          she stated was there most of the time over the  
11          course of the day. She had an occasional pain  
12          radiating to the left arm to the top of the  
13          wrist, the top part of the wrist area. This  
14          seemed to be related to posture and position of  
15          her head and neck.

16          Occasionally, she used heat to the neck and  
17          back of her shoulder, which gave her what she  
18          considered a, quote, "soothing," end of quote,  
19          relief. She had not used heat, however, for  
20          over the past year. She occasionally took  
21          aspirin or Tylenol for her pain.

22          And those were essentially all the residual  
23          symptoms that she had concerning her neck.

24   Q.       Doctor, did she tell you whether or not she had  
25          had any neck problems before this accident in



1 1985?

2 A. She stated that she, quote, "may have injured,"  
3 end of quote, her neck years ago. She had no  
4 -- she was seen for her neck in 1982. I don't  
5 recall what she said about that. I think  
6 that was established also in the medical  
7 records. She was never really X-rayed prior to  
8 this accident.

9 And basically, that was her history. She  
10 had some neck complaints. I think her treating  
11 doctor, I think Dr. Wellman from MEDNET, saw  
12 her and felt that this was either a strain or  
13 arthritis, but never really pursued that to any  
14 extent. But there was obvious signs on X-ray  
15 that she had a chronic problem with her neck at  
16 the time of this injury.

17 Q. When you say "a chronic problem at the time of  
18 this injury," do you mean a problem that  
19 preceded the accident?

20 A. Well, by her X-rays, since her X-rays were not  
21 normal, by definition, it had to have been  
22 there before. And this was this degenerative  
23 disk disease that I'm sure was discussed  
24 before, and I'll be glad to discuss.

25 Q. We're going to discuss it at length later on.

1 Did she also discuss with you the details of  
2 her asthma condition and her treatment for  
3 that?

4 A. Yes, she did.

5 Q. Now, after you sat down with her and listened  
6 to her story, did you then do a hands-on  
7 physical examination of this lady?

8 A. Yes, I did.

9 Q. Would you be kind enough to tell the jury what  
10 your physical examination consisted of and what  
11 your findings were upon physical examination?

12 A. The physical examination was a complete

13 orthopedic examination, in other words, the  
14 same examination I gave to her as I would give  
15 to a patient for treatment. The only thing  
16 different between this evaluation and someone I  
17 would treat is that I would, number one, see  
18 them again, and number two, offer additional  
19 suggestions. That was the only thing that was  
20 different from this examination.

21 The physical examination revealed a

22 somewhat cushionlike appearing 58 year old

23 female, cushionlike meaning it's a certain way  
24 the face looks and the way the trunk looks,  
25 which were compatible with long-term steroid

1 use -- not anabolic steroids, like a  
2 weight-lifter would use, these are catabolic  
3 steroids such as Prednisone that she was taking  
4 for her asthma.

5 She also appeared somewhat older than her  
6 stated age, when I saw her.

7 Not to dwell on the respiratory aspect, but  
8 she did have labored breathing -- not shortness  
9 of breath, but labored breathing, short  
10 sentences, short breaths, just a few words in a  
11 sentence, and that was basically how she  
12 answered throughout the interview.

13 From an orthopedic standpoint, she was able  
14 to stand without difficulty. She walked  
15 without a limp, she was able to heel and toe  
16 walk without difficulty, she was able to arise  
17 from a sitting position and climb up and down  
18 the examining table. All those composite  
19 motions that are using multiple body parts were  
20 done completely normally, to my satisfaction.

21 Specific examination of the cervical spine,  
22 the neck region, showed that there was no spasm  
23 or abnormal or reflex muscle contraction.  
24 There was no muscle guarding or tightening of  
25 the muscles to movement, and there was no

1           dysmetria, which is uncoordinated motion.

2       Q.       Excuse me, Doctor, pardon me for interrupting,  
3               but what is the significance of your finding  
4               that there was no spasm?

5       A.       Spasm usually indicates an acute inflammation  
6               or an acute flare-up of inflammation. Spasm  
7               has a very particular diagnosis, at least in an  
8               orthopedic standpoint. I think doctors in  
9               general use spasm for anything from a  
10              charley horse to a muscle tightness, but spasm  
11              is a reflex muscle contraction, like a very  
12              severe charley horse, that you can't break.

13              It's an extremely painful condition and  
14              never lasts a long time. And obviously, it was  
15              not present at this time of this evaluation.

16      Q.       Go ahead, Doctor, I apologize.

17      A.       Continuing with the examination, there was a  
18               very minimal restriction of motion in her  
19               ability to bend her head forward, putting her  
20               chin on her chest, looking all the way up to  
21               the ceiling, looking to the right, looking to  
22               the left, and tilting right and tilting left.  
23               And this restriction was less than ten percent  
24               restriction of motion, which is really pretty  
25               normal for someone almost 60 years old and

1           considering her chronic degenerative condition  
2           in her neck.

3       Q.     Doctor, would you consider her range of motion  
4           to be good or bad?

5       A.     I would consider it to be just shy of normal,  
6           even for a 58 year old, now 59 year old.

7           Her shoulder blade motion, that is, the  
8           shoulder blade -- she was asked to roll her  
9           shoulders forward, roll them backwards, shrug  
10          them up against resistance, and this was  
11          perfectly normal. There was no atrophy or  
12          muscle wasting noted in the shoulder  
13          musculature. There was a full range of motion  
14          of both shoulders, being able to move the  
15          shoulders forward in a frontal plane, in a side  
16          plane, rotate out, rotate in, and touch all the  
17          way above her bra line in the back.

18          The elbows, wrists and small joints of the  
19          hand examined perfectly normally. I measured  
20          her arms with a tape measure at the armpit  
21          level, at the mid-arm level, the forearm level,  
22          at the wrist level, and they were equal and  
23          symmetrical, indicating essentially normal  
24          function, or certainly no -- not favoring one  
25          side over the other side.

1           A neurological examination, including her  
2           ability to detect sensation, motor examination  
3           against my resistance, as well as reflexes,  
4           were entirely within normal limits for the  
5           neck, upper back, as well as the upper  
6           extremity.

7           Essentially, she had a normal physical  
8           examination, with the exception of a very  
9           minimal restriction of motion, which is really  
10          the only quasi or partially objective sign that  
11          was anything other than normal at the time of  
12          this evaluation, which was a number of years  
13          after the accident.

14       Q.       Would that finding of slight restriction, of  
15                ten percent restriction, would that be  
16                consistent with a person who has arthritis as  
17                she has on X-ray?

18       A.       Absolutely. Actually, it's better motion than  
19                I thought she would have had after looking at  
20                the X-rays, which I did subsequent to her  
21                evaluation.

22       Q.       Do you attribute that ten percent restriction  
23                of motion to her arthritis, or to her motor  
24                vehicle accident, Doctor?

25       A.       In that there was no muscle guarding, in other

1 words, the muscle didn't contract, she just  
2 stopped moving, she wouldn't go on beyond that  
3 point, I would have to say, within reasonable  
4 degrees of medical certainty, that it was  
5 solely due to her progressive degenerative  
6 deterioration at the mid-level of the neck.

7 Q. When you say "degenerative deterioration," is  
8 that the arthritis that you're speaking of?

9 A. It's the disk disease and the concomitant  
10 arthritis, which is essentially wear and tear  
11 changes in the middle of the neck.

12 Q. Doctor, in your opinion, based on a reasonable  
13 degree of medical certainty, is that  
14 degenerative disk disease something that was  
15 caused by the accident, or was it something she  
16 had beforehand?

17 A. By definition, it was something that she had  
18 beforehand, since it was present at the time of  
19 her initial X-rays.

20 Q. How long does something like that generally  
21 take to form?

22 A. Nobody knows for sure exact dates, because it  
23 obviously depends on the age that it's first  
24 diagnosed, the type of occupation the people  
25 have, and any other concomitant problems, but

1           most people say anywhere from two to five years  
2           for the condition to be diagnosable by X-ray.

3           So I would say somewhere within that time  
4           frame, so 1980 to 1983, possibly even earlier,  
5           but at least two to five years before.

6    Q.     You've reviewed the records of the Urgent Care  
7           where she went in three or four or five days  
8           after the accident, haven't you, Doctor?

9    A.     Right.

10   Q.     Do you recall what her range of motion was  
11           then, at that time?

12   A.     Not offhand. But I don't think it was  
13           dramatically reduced at that time.

14   Q.     Let me show you that -- these are part of the  
15           MEDNET records, if I can show you that record,  
16           Doctor. Does that indicate what her range of  
17           motion was shortly after the accident?

18   A.     It says good range of motion.

19   Q.     Is that consistent with your examination?

20   A.     Well, I would probably use a better word than  
21           "good," but I would say good would be -- if  
22           you're using good, fair, and poor, good would  
23           be the best designation, and I would say that  
24           would be compatible to what she had at this  
25           time.



1 Q. Do you recall what her range of motion was when  
2 Dr. Itani saw her, according to his records?

3 A. I believe he said it was pretty normal,  
4 certainly not significantly restricted.

5 Q. Dr. Nemunaitis testified in this case that her  
6 range of motion was 50 percent of normal.

7 Have you seen anything in her records or did  
8 you find anything on your examination that  
9 would be consistent with Dr. Nemunaitis's  
10 testimony?

11 A. No. I think in the review of the records, I  
12 think he was the only one that found that there  
13 was any abnormality in her range of motion.

14 Q. Do you know Dr. Nemunaitis?

15 A. Sure.

16 Q. Is he an orthopedic specialist, such as  
17 yourself?

18 A. No, he's not.

19 Q. Has Dr. Nemunaitis ever referred any patients  
20 to you?

21 A. Yes.

22 Q. Does he do so on a regular basis?

23 A. Well, he's part of an HMO, so it's not on that  
24 regular a basis, because I am not a member of  
25 that HMO.

1           But I did a total knee replacement on a  
2           patient of his, actually just went home today  
3           from the hospital, so he does refer patients to  
4           me for surgical treatment.

5       Q.     Doctor, I'd like to ask you some opinions that  
6           you may or may not hold, and in the event that  
7           I forget, I'd like you to express all your  
8           opinions to a reasonable degree of medical  
9           certainty, if you would.

10           First of all, after you've had the  
11           opportunity to take her history from her, to  
12           examine her records and her films and to do a  
13           hands-on physical examination of her, do you  
14           have an opinion based on a reasonable degree of  
15           medical certainty as to whether or not Kathleen  
16           Santon is permanently disabled as a result of  
17           this automobile accident, with respect to her  
18           neck injury?

19       A.     Yes, I have an opinion.

20       Q.     What is your opinion, Doctor?

21       A.     My opinion, based on my examination, she is not  
22           permanently physically impaired enough to be  
23           considered disabled, in my mind, as an  
24           orthopedic surgeon, due to the neck trauma  
25           allegedly sustained in 1985.

1 Q. Why do you say that she was not impaired,  
2 Doctor?

3 A. Well, I think the AMA has come up with  
4 guidelines for physical impairment, and the  
numbers of impairment -- the percentage of  
impairment for a region and for the whole  
person are based on a number of things, but  
it's primarily based on decreases in range of  
motion or motion abnormalities or -- obviously,  
not in the neck, but in other areas,  
amputations or losses or ankylosis or stiffness  
type of problems.

But on the basis of the AMA guidelines, she  
has very minimal, if any, physical impairment  
that's measurable. And with a very low  
physical impairment that's measurable, I would  
have a hard time calling that a disabling  
condition.

Q. Tell us some of the things that you found in  
your examination that you feel indicate that  
she is not disabled with respect to her neck  
22 injury?

23 A. The fact that there was really no signs of  
24 active inflammation, that there was an  
25 excellent -- certainly minimally restricted

1 range of motion, she had good function of both  
2 of her shoulders, she had excellent use of both  
3 of her extremities, and there was no atrophy,  
4 there was no wasting of the muscles. She had a  
5 normal neurological examination.

6 I really was unable to find anything that  
7 was dramatically or even significantly abnormal  
8 in the examination, and therefore, it would be  
9 difficult to give her any degree of physical  
10 impairment.

11 Q. Dr. Corn, Dr. Nemunaitis has testified that, in  
12 his opinion, this woman has an injury to her  
13 disks -- actually, an injury to several of her  
14 cervical disks, and a nerve injury.

15 Do you agree with that opinion? And again,  
16 base your opinion on a reasonable degree of  
17 medical certainty, Doctor.

18 A. There was clearly no evidence, other than the  
19 EMG study, which was slightly abnormal, that  
20 was done back in the early -- or early after  
21 the accident, that there was any neurological  
22 abnormalities. This was never repeated.

23 A neurosurgeon went over her, Dr. Itani, and  
24 found some questionable, very mild weakness,  
25 which doesn't even correlate to the same

1           neurological level as the slight abnormality.

2       Q.     By the way, did you find that same questionable  
3           left arm weakness?

4       A.     No. Dr. Itani saw her in '85, and she was much  
5           -- she was normal by the time I saw her. So  
6           there must have been some improvement in that  
7           mild -- very mild weakness which he described,  
8           which I think is probably insignificant.

9       Q.     By the way, do you know the physician who  
10           conducted the EMG?

11      A.     Yes, Dr. Seo.

12      Q.     When you need a patient -- when you have a  
13           patient who needs an EMG, do you ever refer  
14           them to Dr. Seo for an EMG?

15      A.     Never.

16      Q.     Is Dr. Seo a neurologist?

17      A.     No. He's the same specialty -- actually, he's  
18           a partner of Dr. Nemunaitis. He's a physical  
19           medicine and rehabilitation specialist. Very  
20           good at what he does, but that's where his  
21           training is and that's where his expertise is.

22      Q.     What type of doctor do you have perform EMG's  
23           on your patients?

24      A.     Without question, I would have a neurologist  
25           perform an EMG, a nerve conduction study, on a

1 patient of mine.

2 Q. Do people with arthritis sometimes have some  
3 symptoms that would be consistent with the EMG  
4 study that was done?

5 A. Not on the basis of arthritis. Arthritis  
6 doesn't cause nerve conduction problems.

7 If the arthritis was pinching on a nerve or  
8 a spur was resting on a nerve, then  
9 theoretically, it could. But, you know, I'm  
10 not really convinced that that was a  
11 significant neurological finding, at least it  
12 was never repeated, and it was really done by  
13 -- not a Board certified specialist, who is  
14 qualified to do that.

15 In Ohio, anybody can do anything, as long as  
16 you don't hurt anybody, in the form of  
17 treatment and diagnostic testing. That would  
18 not have been my choice to pin a diagnosis that  
19 sat on -- that's been sitting with this lady  
20 for nine years now, eight years.

21 Q. You have reviewed her MRI film of the neck,  
22 Doctor?

23 A. Yes.

24 Q. And you have reviewed her CAT scan film that  
25 was taken in 1988?

- 1 A. Yes. There were a number of them that weren't  
2 available, but the one that was available, yes.
- 3 Q. Is there any indication on those films, that  
4 you reviewed personally, that this woman has a  
5 herniated disk or an injury to her disk?
- 6 A. There is nothing on the scan that would show an  
7 injury to the disk or a herniated disk.
- 8 Q. Is there any indication on those scans that  
9 there is an injury to her nerve, to any of her  
10 nerves?
- 11 A. First of all, that wouldn't be how you tell,  
12 but no, there is no indication that there would  
13 be any impending neurological problem, based on  
14 the scan.
- 15 Q. Now, I've asked you what you saw personally,  
16 with your own eyes, and now I will ask you if  
17 you have reviewed the MRI report and the CAT  
18 scan report that was authored by the  
19 radiologist who reviewed those films; have you  
20 reviewed those documents?
- 21 A. Yes, I have.
- 22 Q. And those documents are authored by a Board  
23 certified radiologist?
- 24 A. Yes, they are all Board certified radiologists,  
25 and one of them was a neuroradiologist.

1 Q. Do you know them?

2 A. Yes, I do know them, personally.

3 Q. And you know those radiologists to be competent  
4 in their field?

5 A. I think they are. I trust them with my  
6 patients, so I do. I think they are very good.

7 Q. Do any of the radiologists who authored any of  
8 the CAT scans, the CAT scan reports or the MRI  
9 report indicate that there is a disk injury or  
10 a nerve injury on those reports?

11 A. There was not in their concluding remarks on  
12 any of the -- by any of the Board certified  
13 radiologists, on review of their films.

14 Q. Doctor, I would like you to assume that the  
15 history that Kathleen Santon gave you, with  
16 regards to her neck symptoms, is true.

17 Based on that and based on your examination  
18 of her, what would your diagnosis of her be, to  
19 a reasonable degree of medical certainty?

20 A. At the time of my evaluation, I would say that  
21 my clinical impression was, clinically, that  
22 she had, by history, a resolved soft tissue  
23 injury to her neck.

24 The bulk of the very minimal remaining  
25 symptoms and remaining physical findings were



1           due to degenerative disk disease at multiple  
2           levels.

3           And of course, her most disabling condition,  
4           the asthma, I wasn't going to address  
5           specifically, but I think that's her biggest  
6           problem from a medical standpoint.

7   Q.       When you say degenerative disk disease, is that  
8           -- getting back, is that the arthritis you  
9           talked about earlier?

10  A.       Well, there's two aspects of it, one is the  
11           arthritis and one is the disk disease. Disk  
12           disease and arthritis are different. You can  
13           have one, or either, or both. And in this  
14           case, Mrs. Santon has both.

15  Q.       Do you have any special interest in your  
16           practice, Doctor, in treating people with  
17           arthritis and with disk disease?

18  A.       Yes, I do.

19  Q.       And do you treat patients who have the same or  
20           similar symptoms as Mrs. Santon, who have disk  
21           disease, who have not been injured in an  
22           automobile accident?

23  A.       Sure.

24  Q.       Has there been any aggravation of her pre-  
25           existing degenerative disk disease by this

1 accident?

2 A. Well, there certainly was no evidence at the  
3 time that I saw her. Certainly, it was quite a  
4 number of years after the accident.

5 She may have had a transient aggravation,  
6 which may have been the source of her symptoms  
7 that persisted initially for the first six or  
8 eight weeks afterwards. That would be the  
9 normal time frame that these, quote, unquote,  
10 aggravations usually persist.

11 But by the time I saw her, there was really  
12 nothing that showed acute inflammation or  
13 anything that could be directly attributed to a  
14 direct, quote, unquote, aggravation.

15 There certainly wasn't any acceleration  
16 faster than what would normally be expected for  
17 this condition and this age group, considering  
18 her steroid use and the activity level and the  
19 asthma problems that she's had.

20 Q. Would you expect there to be a change in her  
21 condition, by X-ray, over a period of eight  
22 years from 1985 to 1993, even if she had not  
23 been in an accident?

24 A. Oh, absolutely.

25 The only X-rays we really do have for direct

1 comparison are her plane films. These give a  
2 two-dimensional view of a three-dimensional  
3 object. The three CT scans she had are, in my  
4 opinion, somewhat useless from a diagnostic  
5 standpoint. And the only other study she had  
6 was the MR scan, which clearly, definitively,  
7 shows the extent of the degenerative disk  
8 disease, the levels of the degenerative disk  
9 disease, and the fact there is no neurological  
10 impingement or pushing, and that this is  
11 basically a degenerative condition with minimal  
12 bulging or minimal abnormality pushing toward  
13 the spinal cord.

14 Q. Doctor, do you expect -- what is the natural  
15 progression of arthritis and degenerative disk  
16 disease with age, what do you expect to see?

17 A. It always gets worse. Some people get worse  
18 faster, some people get worse slower, but it  
19 never stays the same and it never gets better.

20 The symptoms can get better, but the  
21 condition always gets worse. It's a wearing  
22 out, degenerative process that we haven't  
23 really found out a way of stopping or halting  
24 to any extent.

25 Q. Doctor, are you familiar with what she did for

1 a living, did you talk to her about that?

2 A. Yes. She was a bookkeeper.

3 Q. Is there anything in her medical records or in  
4 your examination of her that would indicate  
5 that, based on her neck injury, that she's  
6 unable to work at her job as a bookkeeper?

7 A. Based on my evaluation, I do not see why she  
8 couldn't work. It was pretty obvious, and  
9 pretty obvious to her, that her main reason she  
10 wasn't working was -- and the reason she was on  
11 her disability was because of her pulmonary  
12 problem.

13 MR. PARTS: Objection.

14 Move to strike.

15 Q. Doctor, you had previously stated that you  
16 thought she may have had a resolved cervical  
17 strain from this accident --

18 A. By her history, right.

19 Q. -- by her history that she gave you, assuming  
20 her history to be true.

21 You've treated many patients with that type  
22 of injury before?

23 A. Yes.

24 Q. Is that the type of injury that disables a  
25 person from working at a bookkeeper job?

1 A. Not on a permanent basis, for sure.

2 You know, it's always a degree of severity.  
3 I mean, if you have a severe neck problem, it  
4 may be difficult working over a desk. I have a  
5 number of bookkeepers that have to use an easel  
6 type of -- vertical type of desk, but that's  
7 mainly people that have arthritis.

8 Usually, soft tissue components virtually  
9 always improve over a short period of time,  
10 certainly by three months. What people can  
11 suffer from is from arthritic symptoms and from  
12 decreased range of motion, soft tissue  
13 inflammation, which clearly, there was no  
14 objective evidence on at the time of my  
15 evaluation.

16 Q. Doctor, do you have patients with much more  
17 severe injuries than Kathleen Santon, who work  
18 full time?

19 A. Absolutely.

20 Q. Can you tell us -- without giving us their  
21 names, obviously, can you describe some of the  
22 injuries that you treated people for who have  
23 gone back to work full time?

24 A. Well, there are even a number of attorneys,  
25 that I'm sure you know and the people in the

1 court know, who are basically quadriplegics or  
2 paraplegics, that have absolutely no hand -- or  
3 minimal hand motion and absolutely no leg  
4 motion, but drive and work. And they have to  
5 use motorized wheelchairs, but they're  
6 basically capable of earning a living in a  
7 sedentary type of job.

8 I have, probably, 40, 50, patients that I'm  
9 just sort of scanning in my brain their faces  
10 -- I don't think I can remember all their names  
11 -- that have had basically devastating  
12 injuries, that are quadriplegic or have some  
13 degree of spinal cord injury, who are able to  
14 go and -- actually, one person does a pretty  
15 repetitive manual factory type work.

16 So there are clearly people that have more  
17 significant objective abnormalities and  
18 injuries to their neck and spine that are able  
19 to maintain gainful employment.

20 Q. Doctor, I wonder, do you have the MRI film  
21 there of her neck?

22 A. Yes.

23 Q. Would you be kind enough to put that up on the  
24 box there and we can maybe look at it and show  
25 the jury some things?

1 A. Sure.

2 Q. Dr. Nemunaitis has testified that this woman  
3 has a disk injury and a nerve injury, and I'd  
4 like to put the film up and see if we can see  
5 whether or not there is any disk injury on that  
6 film, Doctor.

7 A. First of all, I'm not sure how, on the basis of  
8 a scan, you would be able to tell an injury  
9 other than with bleeding in the area, and there  
10 is absolutely no sign of bleeding.

11 I'm not sure the jury has seen any of this  
12 yet, but, basically, I'll show you two groups  
13 of MR scans.

14 Did we define MR scans?

15 Q. Why don't you tell the jury what an MRI scan  
16 is?

17 A. There are a number of different imaging  
18 techniques available to physicians as  
19 diagnostic studies. We're all pretty familiar  
20 with an X-ray. An X-ray is basically a  
21 photograph that, instead of light, a burst of  
22 radiation is actually shot through a patient  
23 and it registers on a photographic film.  
24 That's where we get regular X-rays from.

25 The CT scan, the computer tomography, is the

1 same type of study. In other words, it's done  
2 with X-rays with radiation, but it's -- the  
3 images are computer-generated.

4 Well, the MR scan is the next step above  
5 that, in which we don't use any radiation  
6 whatsoever. What happens is the patients are  
7 placed into a very large electromagnetic field  
8 which pulsates, and that pulsation resonates or  
9 causes the electrons in every single atom to  
10 oscillate, to move slightly, and they're the  
11 sensing device that can pick up this  
12 oscillation. And an image is created, and this  
13 image is a magnetic resonance imaging or MRI  
14 picture.

15 Basically, by computer, you can tune out the  
16 fat, you can tune out the muscles, you can tune  
17 out everything to look at specific soft  
18 tissues. And that's the premiere imaging  
19 technique of the spine that we have available  
20 today.

21 This is a series of pictures. An MRI scan,  
22 if you can imagine somebody standing with their  
23 head sort of facing -- well, let's face the  
24 camera, it may be easier. The first view, what  
25 we're looking at, is what we call sagittal



1 pictures. If you can imagine somebody taking a  
2 meat slicer, putting one of those slicing  
3 machines in the deli, starting at one ear and  
4 working toward the other ear. And that's the  
5 first series we're going to look.

6 The second one, we're putting the head first  
7 into the machine and we're making slices in  
8 this direction. These are called the  
9 transverse pictures. And I'll try to show the  
10 same structure.

11 What we're looking at is the vertebral  
12 bodies, which are anterior or the front of the  
13 spine. We'll use this middle one, if you can  
14 zoom in on the second row, middle picture.  
15 You may even be able to see the numbers, but  
16 basically, this is -- the first cervical  
17 vertebrae is a ring, the second, third, fourth,  
18 fifth, sixth, and seventh, and then the first  
19 thoracic vertebrae.

20 If you look at the normal configuration,  
21 it's sort of like a square. The fourth  
22 vertebrae probably looks the most normal. But  
23 you can see, you get down here between the  
24 fourth and the fifth, and the fifth and the  
25 sixth, there is a big abnormality. And you

1           see the disk is no longer -- the disk is the  
2           area between these bones -- is no longer  
3           clearly delineated. There is a big spur  
4           sticking out anteriorly, right where these  
5           numbers are. That's where the esophagus is,  
6           that's where the swallowing tube is that goes  
7           from the throat to the stomach. And this is on  
8           one study, this is the T-1 study.

9       Q.     What's a spur, Doctor?

10    A.     A spur is the degenerative arthritis, it's part  
11           of the degenerative condition.

12           And you can clearly see that there is no  
13           disk material that pushes out and impinges or  
14           pinching on the spinal cord, so there is no  
15           evidence of a herniated disk. Although, this  
16           is not the better study for the disks.

17    Q.     Doctor, are you going to get to the other study  
18           there?

19    A.     Yes. We'll look at the other one, and you can  
20           actually see that -- the actual disks  
21           themselves and their water content.

22    Q.     Before you go through that --

23    A.     Basically, I'm just going to concentrate on  
24           the --

25    Q.     Go ahead.

1 A. -- on the area, we're talking about C4-5 and  
2 C5-6.

3 And this, you can clearly see the disks are  
4 white, water content is white. The stuff with  
5 a higher water content is the whitest. The  
6 spinal cord, which is this gray stuff in the  
7 middle, is not as white as the cerebrospinal  
8 fluid that's around it. The air in the trachea  
9 over here and the breathing tube is denser than  
10 the esophagus, which is the swallowing tube.

11 And you can see the disks -- clearly, if  
12 there was a herniated disk, this white stuff  
13 would be pushing out backwards. This is  
14 collapsed, essentially very severe degenerative  
15 disk at the C5-6 level. So that's the sagittal  
16 section.

17 We'll just look at one series on the cross  
18 section. It's labeled a tiny bit differently,  
19 but in this area, this is mainly for the fluid  
20 content one. The gray area is the spinal  
21 cord, and you can walk right -- this is the 5-6  
22 level, and clearly, there is some white stuff  
23 in the front of it, clearly indicating there  
24 is no impingement of the spinal cord. And you  
25 can see sort of like a doughnut structure, like

1 a white ring around the spinal cord, all the  
2 way along, so clearly, there is absolutely no  
3 MRI evidence of any herniated disk or any nerve  
4 root or spinal cord impingement. And  
5 certainly, no injury observable on the basis of  
6 the MR scan.

7 This is nothing more than degenerative  
8 arthritis and degenerative disk disease, which  
9 is most severe at the C5-6 level.

10 Q. Dr. Corn, Dr. Nemunaitis has told us in his  
11 deposition -- and I'm going to quote from Page  
12 34 of his deposition transcript, while he's  
13 showing us the film -- he says, quote, "You can  
14 see a bulge pressing on the thecal sac of the  
15 spinal cord."

16 Do you see that on that film, Doctor?

17 A. No. There is no bulging disk.

18 It's a bone spur that is causing some  
19 indentation, but it's clearly not pushing on  
20 it. You can see the white structure all the  
21 way around the disk, clearly indicating that  
22 there is no direct pressure on the spinal cord.

23 Q. And based on a reasonable degree of medical  
24 certainty, Doctor, is that bone spur something  
25 that was caused by this accident?

1 A. No.

2 Q. Doctor, did you also look at the CAT scan of  
3 1988?

4 A. Yes, I did.

5 Q. Is there any indication on that CAT scan film  
6 that you saw, personally, of any bulging disk  
7 or herniated disk or any pressing on any nerves  
8 or the spinal cord?

9 A. Well, it's not the best study for the spine,  
10 but I would interpret it as not being abnormal.

11 Q. Did Kathleen Santon say anything to you about  
12 having any low back problems?

13 A. No.

14 Q. Dr. Nemunaitis told us in his deposition that  
15 there are, quote, "hundreds of reasons --  
16 causes for low back pain."

17 Would you agree with that?

18 A. Maybe a little high, but --

19 Q. Would you agree with the proposition that there  
20 are multiple causes for low back pain?

21 A. Yeah. I was hoping you wouldn't ask me to list  
22 them.

23 Yes. There are multiple causes, obviously,  
24 going anywhere from degenerative disease, to  
25 tumors, to fractures, to abdominal problems,

1           that would cause problems of the spine. And  
2           there is certainly an equal number that would  
3           cause neck pain that -- as would cause lower  
4           back pain.

5   Q.     Doctor, do you have patients that suffer from  
6           asthma?

7   A.     Yes, I do.

8           My wife has asthma, so I have to live with  
9           it on a fairly regular basis.

10  Q.     Is there any relationship between the continued  
11           steroid use that an asthmatic may encounter and  
12           the cervical spine or any other part of the  
13           spine?

14  A.     I think that it's pretty well documented in the  
15           orthopedic literature and also in the  
16           endocrinological -- I can't even say the word  
17           -- endocrinological -- the glands, the people  
18           that study the glands and the hormones.

19           Endocrinological, there it goes. My  
20           disfluency comes out sometimes.

21           It clearly shows a direct correlation  
22           between prolonged steroid use -- this is legal  
23           steroid use -- and the development or the  
24           progression of increased bone loss. Some  
25           people feel it's because the bone can't

1 reaccumulate the calcium, and some people feel  
2 that the Prednisone or the Cortisone stops the  
3 absorption from the intestines of dietary  
4 calcium.

5 It is well known that Caucasian females,  
6 white women, probably starting in their late  
7 30's, start developing osteoporosis, they start  
8 losing calcium normally. If there is prolonged  
9 calcium loss and the use of steroids, this  
10 will accelerate the condition known as  
11 osteoporosis, or loss of bone matrix.

12 This can lead to compression fractures, most  
13 commonly seen -- not so much in the cervical  
14 spine, but in the thoracic and lumbar spine,  
15 the chest and low back spine, fractures of the  
16 hip, fractures of the radius, fractures of the  
17 arm bone.

18 Steroids will make this condition, this  
19 osteoporosis condition, worse.

20 Q. Doctor, you know Mr. Paris, who represents  
21 Kathleen Santon?

22 A. Yes.

23 Q. Does Mr. Paris and/or the partners in his firm  
24 ever refer patients to you?

25 A. Sure.

1 MR. CARRABINE: Thank you,  
2 Doctor. I have no more questions.

3 MR. PARIS: Off the record.

4 - - - - -

5 (Thereupon, a discussion  
6 was had off the record.)

7 - - - - -

8  
9  
10 CROSS EXAMINATION OF ROBERT CORN, M.D.

11 BY MR. PARIS:

12 Q. Doctor, my name is David Paris, and I represent  
13 Mr. and Mrs. Santon.

14 Now, I understand that you examined Kay  
15 Santon seven years after her accident?

16 A. Yes.

17 Q. Is that right? And you examined her one time  
18 and one time only?

19 A. Right.

20 Q. And you examined her for State Farm in order to  
21 be in a position to let this jury know whether  
22 there is a cause and effect relationship  
23 between her complains and her accident of  
24 February of '85; is that fair?

25 A. I think that's a thumbnail synopsis, yes.



- 1 Q. You are not involved in her treatment?
- 2 A. Correct.
- 3 Q. You have not talked to Dr. Nemunaitis about her
- 4 care?
- 5 A. No. I thought that would be inappropriate.
- 6 Q. You have not talked to Dr. Itani about her
- 7 care?
- 8 A. No, I have not.
- 9 Q. Dr. Seo?
- 10 A. No.
- 11 Q. Or Dr. Wellman?
- 12 A. Correct.
- 13 Q. Do I understand that you don't know whether Kay
- 14 Santon was a full-time employee before this
- 15 accident?
- 16 A. I don't remember.
- 17 Q. You don't know if she was the main breadwinner
- 18 of her home?
- 19 A. I don't remember that, offhand.
- 20 Q. You don't recall or know her duties at work
- 21 before the accident?
- 22 A. Specifically, no.
- 23 Q. Do you know whether she had any orthopedic or
- 24 pulmonary limitations or restrictions affecting
- 25 her ability to work before the accident?

1 A. I am not aware of any pulmonary or orthopedic  
2 problems that restricted her from working prior  
3 to the accident.

4 Q. In 1985, I think you told the jury that, based  
5 on the emergency room X-rays, she had some mild  
6 arthritis, or mild degenerative disk disease,  
7 which of the two?

8 A. It was probably easier to diagnose the disk  
9 disease, but there was probably arthritis at  
10 the same time.

11 Q. Well, what do the films show?

12 A. I don't remember, offhand.

13 Q. Feel free to look at your records.

14 A. I don't know if I have that real close by.

15 It's the radiologist's interpretation, Dr.  
16 Kline, that it was, quote, "mild degenerative  
17 change," end of quote.

18 Q. At what level?

19 A. It doesn't really say.

20 Q. It doesn't say C2 or C3 or the fourth, fifth,  
21 sixth or seventh level?

22 A. No. Lower cervical vertebrae, he doesn't  
23 really put a number there.

24 Q. And it's impossible, is it not, for you to know  
25 if that mild degenerative process was present

1           --that was present in 1985 was present in 1982,  
2           let's say?

3     A.     I'm -- I wasn't sure --

4     Q.     Do you know if that was present in 1982?

5     A.     I don't know for sure. In other words, there  
6           was nothing documented in 1982.

7     Q.     Do I understand that it did not worsen between  
8           '85 and '88?

9     A     I'm sorry, what didn't worsen?

10    Q     The degenerative disk disease.

11    A.     Well, there was different studies that were  
12           done, so it's really hard to compare them all.

13    Q.     But you looked at the CAT scans of her neck of  
14           '85.

15    A.     But the CAT scan doesn't really -- the CAT  
16           scans aren't really a good enough -- they don't  
17           tell me what I want to know.

18    Q.     Well, I thought I asked you that question.

19           Do you remember I was out here in April of  
20           '93 and I asked you some questions about this  
21           case?

22    A.     I know you were here, but I never got a chance  
23           to re-review it prior to today's deposition.

24    Q.     You didn't read it over and make some changes?

25    A.     I think that was maybe a week or two after the

1 deposition was taken, but I haven't looked at  
2 it since that time.

3 Q. Okay. You did read it over and make some  
4 corrections on the errata sheet?

5 A. Whenever that was, last summer or spring.

6 Q. Okay.

7 MR. PARIS: On Page 11, Mr.  
8 Carrabine and Mr. Fagnilli.

9 Q. I thought I had asked you, and I'll show this  
10 to you when I'm done, "Has the amount of  
11 arthritis in her neck increased between '85 and  
12 '92?"

13 And the answer was, "Well, there is no  
14 increase, at least by CAT scan, from '85 to  
15 '88." So --

16 A. Okay.

17 Q. My question to you --

18 MR. FAGNILLI: Would you let  
19 him read the entire answer?

20 MR. PARIS: I'm about ready  
21 to hand it to him.

22 THE WITNESS: Can I have one  
23 of the copies of it?

24 A. Okay, that wasn't your question, first of all.

25 Q. My question was --

1     A.     You said looking at the regular X-rays and the  
2            CT scans in 1988, and I said there was no  
3            change between the 19 -- as a matter of fact,  
4            there were three CAT scans, 1985, '86 and '88.

5            The '85 and '86, there was some abnormality  
6            noted. Then 1988 was determined as perfectly  
7            normal by Dr. Terrar.

8     Q.     Right. So my question to you is, is there a  
9            worsening between '85 and '88?

10    A.     According to -- if you were to look at the  
11            radiologist's -- there was obviously no  
12            significant worsening, at least according to  
13            the radiologist.

14            But I'm not sure in the 1988 X-rays the  
15            radiologist said that he saw the 1985 X-rays.  
16            I think he just said it was a normal study.  
17            I'm not sure there was any signs or things that  
18            he mentioned that said comparing the 1985, 1986  
19            and 1988 there was any significant change. I  
20            think that there was no mention of the previous  
21            scans.

22    Q.     But you don't see any significant changes, do  
23            you?

24    A.     I don't remember ever seeing the '85 or '86  
25            scans. I saw the '88 and I saw the '93. I

1           can't remember specifically seeing the early  
2           CAT scans. I think they were not available for  
3           review.

4    Q.       How about the plane films?

5    A.       The plane films -- there were plane films in  
6           1985 and there were plane films in 1993, and  
7           there were changes between 1985, from the  
8           description.

9    Q.       I'm just saying '85 to '88, and you can't make  
10           that determination; is that fair?

11   A.       I would be giving an opinion on somebody else's  
12           opinion, and I really don't know.

13               Probably not significantly worsened.

14   Q.       Thank you.

15               You have told the ladies and gentlemen of  
16           the jury that soft tissue injuries, injuries to  
17           the muscles, injuries to the ligaments, sprains  
18           to the joints, those type of components will  
19           improve within three months. Did I hear that  
20           right?

21   A.       I said there were usually improvements to the  
22           point that you would no longer be disabled from  
23           your injury within three months, in most cases.

24   Q.       Okay.

25   A.       Provided there is no pre-existing problem.

1           These are just from a purely soft tissue  
2           standpoint.

3       Q.     But certainly, Doctor, you have treated  
4           patients in car accidents who have injured  
5           their neck and suffered sprains and strains to  
6           their neck, who you have treated with physical  
7           therapy over a ten-month period of time, and  
8           who you've had no problem coming up with an  
9           opinion that they have suffered a permanent  
10          injury; is that not true?

11      A.     I don't know. I can't remember anybody  
12          offhand.

13               Most people will --

14      Q.     But I'll direct your attention to a specific  
15          patient, as a matter of fact, a former client  
16          of my partner's, and if you'll take a look at  
17          that.

18               Do you recall testifying in that case  
19          involving Miss Gray in August of 1986?

20      A.     No.

21                       MR. CARRABINE: I'm going to  
22                       object to the use of this, unless  
23                       the entire transcript is provided to  
24                       us in the trial.

25                       MR. FAGNILLI: Same objection.

1 MR. CARRABINE: So we can find  
2 out what the facts were in that  
3 case.  
4 Q. Doctor, did you, on Page 17, diagnose Miss Gray  
5 as having a cervical strain?  
6 MR. FAGNILL: Objection.  
7 A. On her -- well, this is sort of a complex case,  
8 because this was her industrial -- this was  
9 about an industrial injury that you were  
10 concomitantly involved in both the workmen's  
11 comp and the personal injury aspect of it.  
12 I continued to follow her on the industrial  
13 aspect of it, because she still has continuing  
14 symptoms from that.  
15 Q. Just to get the facts, though, this is a car  
16 accident, right?  
17 A. They both involved a car -- I mean, it was the  
18 same accident, but it was a work-related car  
19 accident.  
20 Q. She hurt her neck; is that right?  
21 A. She hurt her neck, correct.  
22 Q. And you diagnosed a cervical strain,  
23 myofascitis, things of that nature?  
24 A. Correct.  
25 Q. And I believe you found some spasms, did you



1 not?

2 A. At one time.

3 Q. You prescribed therapy, physical therapy, if  
4 you'll turn to Page 25?

5 A. You know, I'm not sure what the relevance is,  
6 but, yes, there was physical therapy that was  
7 prescribed over a prolonged period of time.

8 Q. Did you render an opinion that she has a  
9 permanent soft tissue injury to her neck?

10 MR. CARRABINE: Objection.

11 MR. FAGNILLI: Objection.

12 A. For your purposes and for that particular  
13 individual, who had a much more complex story  
14 than is getting out today, yes, that was my  
15 opinion. But it was based on different, you  
16 know, different findings, and a different  
17 pathology, and a different injury and a  
18 different person.

19 Q. Did you, as it relates to this particular  
20 patient, indicate with people -- with her, and  
21 you can turn to Page 33, that one of her  
22 hobbies was recreational reading?

23 A. Which patient are we talking about now?

24 Q. Same patient, Pamela --

25 A. Pamela Gray?

1 Q. Right.

2 Did you render an opinion that she would  
3 have to give up recreational reading, because  
4 keeping her head in one position, her  
5 posturing, was affecting her pain syndrome?

6 MR. CARRABINE: Objection.

7 MR. FAGNILLI: Objection.

8 A. I don't remember.

9 Q. Could you turn to Page 33 and tell the ladies  
10 and gentlemen of the jury whether or not you  
11 advised her to discontinue that type of  
12 activity?

13 MR. CARRABINE: Objection.

14 MR. FAGNILLI: Objection.

15 A Well, it was providing -- if I can read the  
16 whole thing -- this is my opinion, is that the  
17 injury and the residuals of the injury are  
18 preventing her from doing the horseback riding,  
19 recreational reading and other sporting  
20 activities that you mentioned. It was  
21 specifically --

22 Q. And on 33, would you tell the jury why  
23 recreational reading -- why you told her not to  
24 do that?

25 MR. CARRABINE: Objection.

1 MR. FAGNILLI: Objection.

2 A. Well, this is what I stated at that time. I  
3 -- quote, "I think that the injuries, the  
4 injuries that she sustained to her neck and of  
5 her back" -- and this is not a back injury case  
6 that we're talking about in this case --  
7 "unfortunately have compromised her to some  
8 extent with posturing and positioning necessary  
9 for both sitting activities as well as active  
10 sports, such as sailing and target practice."  
11 She was a semi-professional skeet shooter, an  
12 excellent shotgun shooter at one time.

13 So -- but she had a back injury as well, not  
14 just solely a neck injury, so you're comparing  
15 apples to oranges.

16 Q. And one of the reasons that you asked her not  
17 to engage in the recreational reading anymore  
18 was because of the posturing of her head?

19 MR. FAGNILLI: Objection.

20 MR. CARRABINE: Objection.

21 A. I didn't ask her not to do that. I said that  
22 it was a problem, her doing that. She's, you  
23 know, a professional accountant, and she's  
24 always done recreational and non-recreational  
25 reading.

1           And I think that the jury is probably going  
2           to get a poor representation of what --  
3           comparing these two individuals, two different  
4           age groups, two different activity levels, with  
5           the same subjective type of symptoms.

6       Q.     Doctor, certainly you have treated patients who  
7           have had permanent decreased range of motion of  
8           their neck and permanent pain from a whiplash  
9           injury?

10    A.     From a whiplash mechanism injury, sure.

11    Q.     And it's possible for one to have pain and  
12           disability on a permanent basis with respect to  
13           sprains and strains of the cervical spine?

14    A.     Provided there are physical findings that would  
15           correlate or corroborate objective findings,  
16           that would corroborate the objective symptoms,  
17           sure.

18    Q.     And muscle spasms can be objective evidence of  
19           injuries to the muscles and ligaments, can they  
20           not?

21    A.     If there is muscle spasm present, then muscle  
22           spasm can limit motion, correct.

23    Q.     If you turn to the records that Mr. Carrabine  
24           and Mr. Fagnilli have provided you, starting  
25           with the Urgent Care Center record on March 1st

1 of 1985 --

2 A. You probably have these in order, so it may  
3 take me longer.

4 Do you want to just ask me the questions, or  
5 do you want to go over every single medical  
6 record?

7 Q. No, no, I'm not going to bore the jury with  
8 that.

9 On March 1st of 1985 --

10 A. Let me look at yours and then we can go quicker  
11 that way.

12 Q. On March 1st of '85, does the record indicate  
13 muscle spasm?

14 A. This physician's opinion, quote, "neck dash  
15 tender, left trapezius muscle with mild spasm."  
16 That's what they said.

17 Q. We have an indication of spasm in that record;  
18 is that right?

19 A. You have an indication by that physician that  
20 that was their opinion of what the physical  
21 finding was, yes.

22 Q. And have you had an opportunity to go through  
23 any other records to determine whether or not  
24 there were other notations of muscle spasm?  
25 Have you had occasion to do that in this case?

1     A.     I didn't do a spasm review, in other words,  
2            review every single record to see if there was  
3            spasm mentioned.

4            I'm sure, in Dr. Nemunaitis's records, there  
5            may have been a mention, and there may have  
6            been a mention in another physician's records.

7     Q.     But a spasm, as you've told us, is an objective  
8            sign of injury?

9     A.     When it's present and it's true spasm, is an  
10            objective sign of inflammation, not necessarily  
11            injury, but certainly acute or sub-acute muscle  
12            inflammation.

13    Q.     And you would agree that spasms are an  
14            extremely painful condition?

15    A.     If a spasm exists, then while the patient is in  
16            spasm, it is not a comfortable thing, and it's  
17            quite uncomfortable.

18    Q.     It's worse than a charley horse, is it not?

19    A.     Yes.

20    Q.     It can render a patient fairly nonfunctional?

21    A.     It certainly can.

22    Q.     In other words, you can't do a whole heck of a  
23            lot when you're having a muscle spasm?

24    A.     No, you can't do a whole heck of a lot, and may  
25            not be able to do anything.

1 Q. And a C7 radiculopathy, Doctor, that is an  
2 irritation of the C7 nerve root; is that right?

3 A. As -- you mean by definition?

4 Q. Yes.

5 A. It can be.

6 Q. And the source --

7 A. It can be also a subjective and objective  
8 finding correlating with any inflammation of  
9 any branch of that nerve root. It doesn't have  
10 to be coming off the spinal cord.

11 It can come from the brachial plexus, it can  
12 come from shoulder injury, it can come from an  
13 elbow injury, but it would follow a specific  
14 pattern, sensory and motor.

15 Q. And an EMG, Doctor, is a valuable tool in  
16 determining whether or not there is some nerve  
17 denervation?

18 A. Well, I'm not an expert in EMG's.

19 If it's done appropriately and properly and  
20 repetitively, and you get the same answer on  
21 all types, and it does correlate with a  
22 clinical finding, then I think it's an  
23 objective finding.

24 And it's certainly objective no matter who  
25 does it, it's just -- obviously, it has more

1 weight if it corresponds with something  
2 clinically.

3 Q. Typically, you don't read the EMG  
4 interpretations yourself, you rely on others;  
5 is that right?

6 A. I don't read the oscilloscope, but I can look  
7 at the numbers and draw my own conclusions.

8 Q. Now, we spent a lot of time talking about  
9 arthritis in this case.

10 Doctor, would it be fair to state that as  
11 many as 90 percent of the people walking around  
12 who have arthritis don't even know it, because  
13 it's not necessarily painful?

14 A. Did I say that at one time?

15 Q. You bet. Do you want the page?

16 A. No.

17 I would say that, depending, obviously, on  
18 the age group -- it sounds like something you  
19 would be quoting out of, something I may have  
20 said, and it sounds like a very rhetorical type  
21 of statement -- but I would say most people  
22 that have arthritis, and it may be in excess of  
23 90 percent, the only symptom that they may have  
24 is stiffness, and they may not even realize it  
25 as a painful condition. But obviously, that's



1           depending on the age group.

2       Q.       Arthritis is not necessarily a painful  
3               condition; is that right?

4       A.       It is not necessarily. Pain is not the only  
5               manifestation of arthritis, and some arthritis  
6               is not painful.

7       Q.       I take it you don't take issue with the EMG  
8               findings of Kathleen Santon that they were  
9               consistent with the C7 radiculopathy on the  
10              left side?

11      A.       I don't really have an opinion.

12      Q.       And the CAT scan of March 5th of '85 was not  
13               inconsistent with the C7 radiculopathy on the  
14               left side, was it?

15      A.       Well, is it inconsistent? Well, it's not  
16               specific.

17              The 1985 CT scan showed that there was  
18               degenerative narrowing of the opening. This is  
19               not related to the disk, but from spur  
20               formation at the C7, T1 -- that's really the C8  
21               nerve root. I mean, there is nothing that's  
22               absolutely specific on this, that would be  
23               specific for a left C7, although you could have  
24               it with arthritis.

25      Q.       Let me reask the question, Doctor.

2 I take it there is nothing in the CAT scan  
3 which would be inconsistent with the C7  
4 radiculopathy; is that right?

5 A. I'm not sure how to answer that.

6 Q. How about the way that you answered it on April  
7 6th of '93, when I asked that same question.

8 MR. PARIS: On Page 36, Mr.  
9 Carrabine.

10 Q. At Line 16, the question was, "But there is  
11 nothing in the CAT scan" --

12 A. "Nothing in the CAT scan which would" -- I  
13 would say there is nothing that is inconsistent  
14 with it.

15 Q. Okay, thank you.

16 A. To answer your -- the way you asked the  
17 question.

18 Q. Do you have an opinion as to whether Kathleen  
19 was disabled from work in 1985?

20 A. No. Not at this point in time.

21 Q. And I take it, it is your contention that  
22 Kathleen's problems are arthritic in nature; is  
23 that right?

24 A. Which problems?

25 Q. Neck, orthopedic problems. You're not here  
testifying as a pulmonologist.

- 1 A. Her orthopedic problems are primarily  
2 degenerative, I would say arthritis and disk  
3 disease.
- 4 Q. She had this disk disease before the accident?
- 5 A. It was present at the time of her -- maybe  
6 mild, but she had it at the time of the  
7 accident, so it had to pre-exist.
- 8 Q. She had one instance of complaints to a doctor  
9 in December of '82?
- 10 A. Right. But we know she had mild degenerative  
11 changes in the 1985 X-ray from the Urgent Care  
12 Center, so we knew they had to exist prior to  
13 1985.
- 14 Q. Right. And she has had constant, continual  
15 neck pain since this accident; is that right?
- 16 A. Subjective neck pain.
- 17 Q. Right.
- 18 A. Well, I don't know if it's been the entire  
19 time, but it's been pretty consistent  
20 throughout the entire course.
- 21 Q. That's the history that you've been provided?
- 22 A. Right.
- 23 Q. Are you telling the jury that her arthritis is  
24 the source of her pain?
- 25 A. I think if she does have pain, it's probably on

1 the basis of her disk disease and arthritis.  
2 But there is certainly nothing on the physical  
3 examination that would be compatible with a  
4 painful degenerative condition of the spine.

55 Q. Her pain is not related to the injuries to the  
6 muscles and ligaments of her neck at the time  
7 of the accident?

8 A. Not -- not -- in my opinion, based on the fact  
9 that there was no signs of muscle guarding,  
10 muscle irritation, or anything really abnormal  
11 other than the fact that she couldn't move  
12 beyond 90 percent of her normal motion, I would  
13 say that would be probably -- it is not within  
14 reasonable degrees of medical certainty that  
155 any of her residual subjective symptoms or  
166 objective findings were related directly to the  
177 accident.

183 Q. But we know, Doctor, do we not, that in certain  
193 types of accidents involving injuries to the  
200 neck and the supporting soft tissue structures,  
21 one can have stretching, hemorrhaging and  
22 bleeding of the soft tissues that heals with  
23 scar tissue, which is not as elastic, which can  
24 also result in a decreased range of motion; is  
25 that right?

1 A. If there was no other basis objectively for  
2 decreased motion, then I would say that has a  
3 little bit more validity. But, yes, that is a  
4 theory.

5 Q. Sure, and that has been your opinion in other  
6 cases and other patients of yours, that some of  
7 their restriction of motion has been due to the  
8 scar tissue?

9 A. It has been -- right. But those people  
10 probably didn't have the degree of degenerative  
11 arthritis and degenerative disk disease.

12 Q. Why can't people have two conditions going on  
13 at the same time?

14 A. I think it's clinically, within reasonable  
15 degrees of medical certainty, difficult, if not  
16 impossible, to differentiate the two.

17 Q. Are you telling me, then, that you can't  
18 differentiate whether or not Kathleen Santon  
19 has scar tissue on the soft tissues --

20 A. I would say --

21 Q. -- and the degenerative changes going on in her  
22 neck?

23 A. I would say the degree of scarring in these  
24 type of injuries are minimal. I think that  
25 they are not always valid as a diagnosis, and

1           they are usually used to describe subjective  
2           symptoms when there is no objective findings.

3           Objectively, she had no real abnormality on  
4           her examination. My opinion is that they are  
5           coming -- the abnormality and the discomfort  
6           are coming from her disk disease, which is  
7           fairly substantial, much more so than any  
8           potential scarring would have been.

9       Q.       When I asked you on April 6th of '93 the reason  
10           that Kathleen was still having neck pain, neck  
11           complaints, you told me you didn't know.

12                       MR. CARRABINE:   What page?

13                       MR. PARIS:        52.

14       Q.       And today, six months later, six and a half  
15           months later, you do know?

16       A.       I don't know.

17           You're asking my medical opinion. Medical  
18           opinion is a guess based on reasonable degrees  
19           of medical information.

20           I don't even know if she is having neck  
21           pain. If she is having neck pain, it would  
22           certainly be compatible with the degenerative  
23           findings, which are pretty substantial at a  
24           couple of the levels of her neck.

25           But do I know if she's having pain? No, I

1 don't know if she's having pain.

2 Q. And if she's having pain, in April of '93, you  
3 told me you didn't know why she was still  
4 hurting.

5 A. Well, I still don't know why. I have a  
6 reasonable -- an opinion within reasonable  
7 degrees of medical certainty.

8 Q. Here is the question I asked you at that time.

9 "Then do I understand, Doctor, you do not  
10 have an opinion based upon a reasonable degree  
11 of medical certainty as to the source or the  
12 reason for the cause of her present neck  
13 complaints?"

14 Answer: "I am at a loss from an orthopedic  
15 standpoint, knowing the anatomic and  
16 physiological basis for this condition that  
17 she's claiming, to describe why she is still  
18 having the level of discomfort that she has  
19 with the positive findings and treatment that  
20 she's had during the past five years. I don't  
21 know why she is still hurting."

22 A. I'm sure I said it exactly that way, with that  
23 type of inflection and intonation.

24 Q. But I'm reading it slowly so that I don't make  
25 a mistake.

1 A. And without any inflections in your voice, I'm  
2 sure.

3 MR. FAGNILLI: Would you let  
4 him answer the question, please?

5 A April 6th. Can I have that piece of paper  
6 back?

7 You know, I didn't really see all the X-rays  
8 until May 17th of 1993, which included all the  
9 X-rays --

10 Q That would be five months ago; is that right?

11 A Yeah. One was in -- April of 1993, was when  
12 you took my deposition, and it wasn't until May  
13 17th, '93, that I think I was able to review  
14 everything.

15 MR. CARRABINE: X-rays were not  
16 sent to you. In fact, we didn't  
17 even know they existed --

18 MR. PARIS: Let's not have  
19 a discussion on the record.

20 Q The fact of the matter is, that you had --

21 A There was additional information that was  
22 presented since the time of the deposition,  
23 which changes my medical opinion.

24 Q. That's fine.

25 Then, Dr. Corn, after having reviewed that



1 in May of 1993, did you dictate a report?

2 A. No.

3 Q. Did you dictate any notes?

4 A. Yes.

5 Q. Did you provide me with any of those notes?

6 A. No.

7 MR. CARRABINE: Objection.

8 Q. Did you provide anybody else with any of those  
9 notes --

10 A. No.

11 Q. -- that you changed your opinions?

12 A. No. Well, I wasn't --

13 Q. Thank you.

14 A. It wasn't to be kept a secret or anything, I  
15 just -- you finally sent me the rest of the  
16 information and I was able to generate a more  
17 accurate diagnosis or medical opinion.

18 Q. I didn't know you changed your opinion until  
19 about 20 minutes ago.

20 A. I didn't know until you read my deposition  
21 again to me.

22 Q. Doctor, the complaints that Kathleen expressed  
23 to you in January of 1992 are the same  
24 complaints that she has expressed to the Urgent  
25 Care doctors in March of '85 and to Dr.

1           Nemunaitis over the past eight years; is that  
2           correct?

3       A.     I don't know if that's true.

4           I don't remember verbatim what her  
5           complaints were, other than just neck pain. I  
6           don't remember the details, I don't remember  
7           her responses to the questions. I think that I  
8           asked her a lot more questions than the Urgent  
9           Care doctor did.

10          But if you're talking about pain in a  
11          general area, yes, she has had neck pain and  
12          neck complaints, subjective symptomatology in  
13          her neck since the time of the accident.

14       Q.     And she has also had and complained of  
15               intermittent left arm symptoms since the date  
16               of this accident; is that right?

17       A.     I believe that's well documented in the medical  
18               records.

19       Q.     Do I understand, Doctor, that you did not find  
20               Kathleen to be insincere or attempt to  
21               exaggerate her complaints or findings when you  
22               examined her?

23       A.     She seemed to answer everything within -- I  
24               don't really remember at this point in time. I  
25               don't know if I noted that in my report, but

1 she seemed to cooperate. But I really don't  
2 remember her at all.

3 MR. PARTS: Thank you,  
4 Doctor. I don't have anything  
5 further.  
6  
7  
8  
9

10 CROSS EXAMINATION OF ROBERT CORN, M.D.

11 BY MR. FAGNILLI:

12 Q. Dr. Corn, my name is Dave Fagnilli. I have a  
13 few questions for you. I represent the  
14 Cincinnati Insurance Company in this case.

15 You mentioned that Mrs. Santon's complaints  
16 and -- that her complaints are inconsistent  
17 with the physical findings. What do you mean  
18 by that, could you explain that in more detail?

19 A. I think it's been pretty well established under  
20 the last hour or so that she still is  
21 complaining. But the physical findings at the  
22 time of this evaluation did not reveal any  
23 objective abnormality, and she had,  
24 essentially, a normal physical examination,  
25 with the exception of a very minimal

1 restriction of motion, which is somewhat  
2 subjective.

3 Her pain really wasn't that severe. When I  
4 saw her, that was not her -- she was not in any  
5 significant distress whatsoever. She had been  
6 on the steroids for her asthma, and she said  
7 the bulk of her symptoms were improved. And we  
8 do use Prednisone and steroids short-term for  
9 severe arthritic flare-ups as well, so that  
10 would certainly account for the diminution in  
11 her symptoms, since she's been on the steroids.

12 But really, there was no significant  
13 correlation between the longevity of her neck  
14 symptoms and the physical findings at the time  
15 of the evaluation in January of '92.

16 Q. Based on your review of the medical records,  
17 the history that you took from her, and the  
18 examination that you performed, is it your  
19 opinion based on a reasonable degree of medical  
20 certainty that she does not have a continuing  
21 soft tissue injury from the 1985 automobile  
22 accident?

23 A. Yes.

24 Without any other explanation, "yes," I  
25 think, would suffice.

1 Q. Doctor, Dr. Nemunaitis made some reference to a  
2 one millimeter bulge in her cervical spine in  
3 his deposition.

4 Could you explain to the ladies and  
5 gentlemen of the jury what clinical  
6 significance, if any, there is to a one  
7 millimeter bulge in the cervical spine?

8 A. Just to give an example -- you may want to  
9 focus in on this -- the line between the top of  
10 the card and the very first blue line is two  
11 millimeters. So one millimeter would be half  
12 that distance.

13 There is nothing that I'm aware of in  
14 orthopedic surgery that that one millimeter  
15 would have any -- one half of that distance,  
16 which is really pretty small, would have any  
17 clinical significance whatsoever, other than --  
18 and especially on a CT scan. A CT scan  
19 basically, you know, as we discussed, is not  
20 the most accurate -- and it's certainly not  
21 accurate within five millimeters, let alone one  
22 millimeter. I would say it's clinically  
23 insignificant.

24 Q. Mrs. Santon has had a number of CT scans at Dr.  
25 Nemunaitis's direction. Are they the type of

1 diagnostic tool that would be used to diagnose  
2 and treat either arthritis or a cervical injury  
3 resulting from an automobile accident, in your  
4 practice as an orthopedic surgeon?

5 A. First of all, the X-rays would not be anything  
6 to do with treatment, other than giving you  
7 more information of how to treat.

8 But I think I previously stated that the  
9 only -- since late 1986, since when the MRI  
10 scans were available, that is the only test  
11 that has any degree of accuracy in the cervical  
12 spine for diagnosis and assessment of the  
13 degree of disease due to disk disease,  
14 arthritis, or spinal cord abnormalities.

15 Q. Do you use CT scans in your practice to  
16 diagnose patients that you are treating for  
17 cervical injuries, injuries to the neck?

18 A. Since 1986, I don't believe I have ordered one  
19 CT scan of the cervical spine, and I don't  
20 remember how many of those I would have done  
21 before that. They're just not that good,  
22 they're not that accurate.

23 I do use it a lot in the lumbar spine,  
24 because it does show arthritis in the lumbar  
25 spine better than an MR scan shows. But in the

1           cervical spine, I think it's useless.

2       Q.       Just so we understand, you're an orthopedic  
3           surgeon; is that correct?

4       A.       Right.

5       Q.       And you operate on people with neck injuries?

6       A.       I am qualified to operate. A number of years  
7           ago, I stopped operating on the neck, simply  
8           because I wasn't getting the amount of volume  
9           that I felt was necessary to maintain a high  
10          level of surgical skills.

11                But I have had training for it and I have  
12          done it in the past, although I don't do it  
13          routinely at this point in time.

14      Q.       Do you treat patients with neck injuries?

15      A.       Absolutely.

16      Q.       And is that on a regular basis?

17      A.       Yes.

18      Q.       What is the significance of no spasm at the  
19          time of your examination, what does that tell  
20          you about Mrs. Santon?

21      A.       It would tell me that there is no acute or  
22          subacute active muscle inflammation or  
23          protective inflammation present at the time of  
24          my evaluation.

25      Q.       In your practice, have you seen patients who

1 have a soft tissue neck injury and have spasms  
2 on a daily basis for a period of eight years?

3 A. No, never.

4 Q. And why is that, Doctor?

5 A. I don't think that entity really exists, and if  
6 it does, it's exceedingly rare.

7 Q. If someone has a soft tissue injury of the  
8 neck, and they do have spasms resulting from  
9 that soft tissue injury, how long would you  
10 expect that condition to last in the normal  
11 course of things?

12 A. Well, I don't think if it was untreated that  
13 the patient would want to continue living,  
14 that's how severe -- I know from a personal  
15 standpoint, from an old wrestling injury, I do  
16 get intermittent spasms that reoccur with  
17 stresses and things like that, and you need  
18 treatment very soon. You need to get some  
19 medication in you and you need to have some  
20 heat or physical therapy applied to you, or you  
21 just can't -- you can't function, you can't  
22 work, you can't walk, you can't think. You're  
23 completely non-functional.

24 If you have this on a recurrent basis --  
25 that's why, when people say muscle spasm, they



1 usually mean muscle guarding, the muscles are  
2 rigid. But true muscle spasm is an extremely  
3 short-lived, very painful, painful condition.

4 Q. How long would you expect it to last for?

5 A. Until some sort of treatment. Sometimes you  
6 have to go to the emergency room and get a  
7 Morphine or Demerol shot to try to break up the  
8 spasm.

9 Most people would seek attention rather  
10 quickly; you wouldn't try to live with muscle  
11 spasm.

12 Q. Did you note any treatment of Mrs. Santon's  
13 cervical injuries since November of 1985 in  
14 your review of the records?

15 A. I'm sorry?

16 Q. Did you notice whether Mrs. Santon has had any  
17 treatment for her cervical or orthopedic  
18 injuries since November of '85, as opposed to  
19 examinations?

20 A. I think she had some physical therapy early  
21 on. I don't think she's had a lot recently.

22 Q. We talked a little bit about the one millimeter  
23 bulge and you said that -- I think that you  
24 said that was of no clinical significance; is  
25 that correct?

1 A. I think it's zero clinical significance.

2 Q. At what level would a bulge become symptomatic  
3 in the normal course of things?

4 A. Well, it would depend on the anatomical  
5 abnormality, but I would say most of the time  
6 that I see one, they are a minimum of five  
7 millimeters and they're usually in excess of  
8 eight millimeters.

9 Most are symptomatic after ten millimeters  
10 or one centimeter, which is about that big,  
11 about five of those -- about five of these  
12 lines, probably the distance between two of the  
13 big lines, you know -- that doesn't really make  
14 a lot of sense.

15 That's -- this is about seven centimeters  
16 -- I would say a little bit longer than a  
17 regular line space, that would be usually  
18 symptomatic by that point in time.

19 And then they would have, if they had a true  
20 radiculopathy, they would have sensory  
21 abnormalities following a particular pattern,  
22 they would have motor abnormalities following  
23 that same pattern, and they would have reflex  
24 abnormalities of that same pattern.

25 You don't operate on X-rays; you operate on

clinical findings. You don't treat symptoms; you treat physical disease and you try to alleviate the symptoms that are associated with the physical disease. But there has to be some sort of objective finding to justify -- to justify a diagnosis of a pinched nerve, or -- you can't just hang your hat on a diagnosis of one EMG study, in this particular case, in my opinion.

Q. And in your opinion, Doctor, based on a reasonable degree of mental certainty, did Mrs. Santon have physical findings in her orthopedic evaluation that required treatment at the time of your examination?

A. No.

MR. FAGNILL: That's all the questions I have for you. Thank you, Doctor.

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BY MR. CARRABINE:

Q. Doctor, just to be clear on this one --

VIDEO OPERATOR: Off the record.

(Thereupon, a discussion

was had off the record.)

- - - - -

Q. Doctor, just to be clear on this one point, Mr.

Paris had read some statements that you had

made in your deposition which was given on

April 6th of 1993. At that point in time, both

you and I were unaware that Mrs. Santon had had

another X-ray a few days before that.

Now, you saw that X-ray subsequent to your

deposition; is that correct?

A.

Right.

Q. So you did have additional information on that

X-ray, which you feel, as you've already said,

has explained some of her additional symptoms

as that of arthritis; is that correct?

A.

Correct.

MR. CARRABINE: I don't have

any more questions for you, Doctor.

1           RECROSS EXAMINATION OF ROBERT CORN, M.D.

2   BY MR. PARIS:

3   Q.       Doctor, you were telling the ladies and  
4           gentlemen of the jury that you can't hang your  
5           hat on one EMG study and, basically, a bunch of  
6           negative MRI's and CAT scans.

7           Did I misstate that?

8   A.       I said I was basically directing that toward  
9           treatment.

10           But I would not -- if someone would come to  
11           me for treatment, and they would have one  
12           abnormal EMG but no correlating neurological  
13           findings, physical findings or scan findings, I  
14           would think that that would be a somewhat  
15           invalid examination to pin the whole diagnosis  
16           and prognosis on.

17   Q.       See, I'm confused then, because I'm looking at  
18           a report from a patient of yours. If you'll  
19           take a moment and review your report.

20           Do you recall that patient?

21                       MR. CARRABINE: Show an  
22           objection.

23                       MR. FAGNILLI: Same objection.

24   Q.       Do you recall Miss Medor?

25   A.       Yes.

1 Q. And that's your report from November of '88, of  
2 a woman who had an accident in '86; is that  
3 right?

4 MR. CARRABINE: Objection.

5 A. April of '86, yes.

6 Q. Right. She had a car accident, she had some  
7 neck and upper and lower back complaints?

8 MR. CARRABINE: Objection.

9 MR. FAGNILLI: Same objection.

10 A. I'm sorry, what?

11 Q. She had some neck, upper back and lower back  
12 complaints?

13 A. I'm rereading this because I'm trying to --  
14 yeah, neck and upper back complaints, as well  
15 as low back, correct.

16 Q. You ordered an MRI on her cervical spine?

17 A. Right.

18 Q. That was normal?

19 MR. CARRABINE: Objection.

20 MR. FAGNILLI: Objection.

21 A. The MRI was normal.

22 Q. She had a CT of her lumbar spine --

23 MR. CARRABINE: Objection.

24 Q. -- which, I think, showed a bulge?

25 A. She had two levels that were abnormal. Two

1 abnormal -- L4 and L5 were both abnormal.

2 Q But one was a bulge; is that right?

3 MR. CARRABINE: Objection.

4 A They were both central protrusions and bulges,  
5 both degenerative disk disease.

6 Q All right. But you didn't see any herniation  
7 or impingement on the spinal cord or --

8 A No.

9 Q -- or anything like that?

10 MR. CARRABINE: Objection.

11 MR. FAGNILLI: Objection.

12 Q You ordered an EMG test to determine whether or  
13 not there was any nerve involvement?

14 A Correct.

15 MR. CARRABINE: Objection.

16 Q And that failed to disclose, with reasonable  
17 medical certainty, any nerve denervation?

18 MR. CARRABINE: Objection.

19 A It said, quote, "possible CAT-1 cervical  
20 radiculopathy," end of quote.

21 Q So that's a questionable finding; is that  
22 right?

23 MR. CARRABINE: Objection.

24 A You know, that's what I said in the letter. I  
25 don't really remember those details at this

1 point in time.

2 Q. And you felt pretty confident, after two years  
3 of working with her, that you would be unable  
4 to cure her, notwithstanding the involvement of  
5 orthopedic surgeons, radiologists,  
6 neurologists and neurosurgeons; is that right?

7 MR. CARRABINE: Objection.

8 MR. FAGNILLI: Objection.

9 A. Essentially, she had a great deal of subjective  
10 symptoms with very minimal subjective -- with  
11 very minimal objective findings.

12 Q. Your prognosis for this woman was poor, and you  
13 opined at that time that her symptoms would  
14 never resolve --

15 MR. CARRABINE: Objection.

16 Q. -- is that right?

17 A. They hadn't resolved in two years, they  
18 probably wouldn't resolve, right.

19 Q. Did you further opine that she would need  
20 physical therapy for the rest of her life on an  
21 intermittent basis?

22 MR. CARRABINE: Objection.

23 MR. FAGNILLI: Objection.

24 A. That was my opinion at that time, yes.

25 Q. And to the cost of about \$2,500 per year?



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MR. CARRABINE: Objection.

MR. FAGNILL: Objection.

A. That was the opinion at that time, yes.

Q. Did you further believe at that time, Doctor,

that you doubted whether or not there will be  
any significant recovery or that she will ever

reach a pain-free status?

MR. CARRABINE: Objection.

MR. FAGNILL: Objection.

Q. Is that right?

A. That's what my opinion was, yes.

Q. And of course, it was your opinion that these

residual complaints of injury were a direct

consequence of the motor vehicle accident in

question?

MR. CARRABINE: Objection.

MR. FAGNILL: Objection.

Q. Is that right?

A. In that particular case, yes.

MR. PARIS: Thank you,

Doctor. I have nothing further.

1        FURTHER DIRECT EXAMINATION OF ROBERT CORN, M.D.

2        BY MR. CARRABINE:

3        Q.        Doctor, I'm going to ask you a question.  
4                Because there is no judge here to rule on our  
5                objections, I may withdraw this question at a  
6                later date.

7                                MR. PARIS:            Move to strike.

8        Q.        Is there any way that the ladies and gentlemen  
9                of the jury in this case, or me and Mr.  
10               Fagnilli, for that matter -- we have not been  
11               involved in these other cases that Mr. Paris  
12               has brought up -- is there any way that we can  
13               weigh or compare Mrs. Santon to those other  
14               individuals?

15                               MR. PARIS:            Objection.

16        A.        I don't think there is any comparison  
17                whatsoever.

18        Q.        Why do you say that, Doctor?

19        A.        Both of them involve completely different areas  
20                of the spine.

21                I think Mr. Paris's points were that I have  
22                made, for his clients or clients of his law  
23                firm, definitive opinions based on soft tissue  
24                injury only, and I think he was just trying to  
25                make a point that -- trying to, you know, say

1           that what I'm saying now is just the opposite  
2           of what I said then.

3           Whereas, I don't think that just taking  
4           those statements out of context really clearly  
5           explains why I gave those opinions and how I  
6           felt on patients that I was treating -- not  
7           patients that I had seen after treatment was  
8           completed, essentially, that had ongoing  
9           symptoms that were difficult to describe on a  
10          physical basis.

11          And quite frankly, the last one, I  
12          essentially told her to go seek other medical  
13          attention because I had nothing else to offer  
14          her. And they have absolutely no pertinence to  
15          this case whatsoever. Neither one of them  
16          involved a purely neck injury.

17          One of them involved a back injury in a very  
18          obese young girl who was borderline mentally  
19          retarded, and I don't see the correlation  
20          between this particular case and either one of  
21          those two cases.

22                                   MR. PARIS:           Move to strike.

23   Q.       Doctor, do we have in front of us any of the  
24           medical records, the deposition transcripts of  
25           the parties, the deposition transcripts of the

1 doctors, or any of the other evidence in those  
2 two cases of Mr. Paris so that the jury can  
3 review those items --

4 MR. PARIS: Objection.

5 Q. -- and compare them to this case?

6 A. Not on the record, no.

7 MR. CARRABINE: Thank you,  
8 Doctor. I don't have any more  
9 questions for you.

10 MR. FAGNILLI: Nothing  
11 further.

12 MR. PARIS: Thank you,  
13 Doctor. Nothing further.

14 VIDEO OPERATOR: Doctor, you  
15 have the right to review this tape;  
16 you may waive that right.

17 THE WITNESS: I'll waive both  
18 my right to review both the tape and  
19 the transcript.

20  
21 (Signature Waived.)

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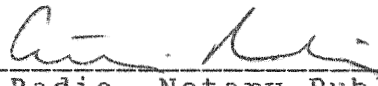
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CERTIFICATE

The State of Ohio,     )  
                                   )   SS:  
County of Lake.         )

I, Catherine Radie, a Notary Public within and for the State aforesaid, duly commissioned and qualified, do hereby certify that the above-named ROBERT C. CORN, M.D., was by me, before the giving of his deposition, first duly sworn to testify the truth, the whole truth, and nothing but the truth; that the deposition as above set forth was reduced to writing by me by means of stenotypy, and was later transcribed into typewriting under my direction; that the reading and signing of the deposition by the witness were expressly waived by stipulation of counsel and the witness; that said deposition was taken pursuant to notice and the stipulations of counsel herein contained, and was completed without adjournment; that I am not a relative or attorney of either party or otherwise interested in the event of this action.

IN WITNESS WHEREOF, I hereunto set my hand and seal of office, at Mentor, Ohio, this 26<sup>th</sup> day of October, A.D. 1993.

  
Catherine Radie, Notary Public  
8547 Hilltop Drive, Mentor, Ohio 44060  
My commission expires 10-19-94.