	#530
1	IN THE COURT OF COMMON PLEAS
2	CUYAHOGA COUNTY, OHIO
3	
4	MARY ANNE YARMESCN,
5	Plaintiff,
6	vs (22969)
7	ALBERT DELGRECO,
8	Defendant.
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11	Deposition of <u>DR. DENNIS B. BROOK</u> S, taken
12	on direct examination before William J. Mahan,
13	Registered Professional Reporter and Notary Public
14	within and for the State of Ohio, at 26900 Cedar Road,
15	Beachwood, Ohio, at 4:25 p.m., Thursday, August 26,
16	1993, pursuant to notice and/or stipulations of
17	counsel, by the Defendant in this cause.
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	Edward R. Stege, Jr., Esq.
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3	Standard Building Cleveland, Ohio 44113 (216) 861-0360
4	on behalf of the Plaintiff;
5	Joseph H, Wantz, Esq.
6	Meyers, Hentemann, Schneider & Rea 21st Floor
7	Superior Building Cleveland, Ohio 44114 (216) 241-3435
8	
9	on behalf of the Defendant.
10	ALSO PRESENT:
11	Mr, Doug Clark, Video Operator,
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1	DR. DENNIS B. BROOKS, called by
2	the Defendant for the purpose of direct
3	examination, as provided by the Ohio
4	Rules of Civil Procedure, having been
5	first duly sworn, as hereinafter certified,
6	deposed and said as follows:
7	
a	DIRECT EXAMINATION OF DR. DENNIS B. BROOKS
9	BY MR, WANTZ:
10	9. For the record, doctor, could you state your name,
11	please?
12	A. Dennis Brooks.
13	And are you a duly licensed physician and surgeon
14	in the State of Ohio?
15	A. Yes∎
16	Q. Row long have you been practicing in the State of
17	Ohio?
18	A. I became licensed to practice in 1963 so that was
19	30 years ago except for a period away for the
20	Service. I have practiced in Ohio during that
21	entire period af time.
22	Q Where do you maintain your offices?
23	A. At 26900 Cedar Road in Beachwood, Ohio,
24	And that's where we are at this time for this
25	deposition, is that correct?

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A. Yes.

Q	Doctor, could you tell us, a little bit about
	your background as far as your education and
	training is concerned, specifically where did
	you obtain your undergraduate degree?
Α.	At Harvard University,
Q.	And what was your undergraduate degree?
Α.	Bachelor of Arts.
Q.	In what specialty?
A.	In psychology.
Q.	And after that you obviously attended medical
	school, Where did you go?
А.	I went to Western Reserve University School of
	Medicine.
Q.	Where is that located?
A.	Were in Cleveland.
Q.	Is that what is now known as Case Western Reserve?
A.	Y e s.
а. Q.	Yes. Okay. Thank you, Was that a four year program
	Okay. Thank you, Was that a four year program
Q.	Okay. Thank you, Was that a four year program for medical school?
Q. A.	Okay. Thank you, Was that a four year program for medical school? Yes.
Q. A.	Okay. Thank you, Was that a four year program for medical school? Yes. After that did you receive any further medical

1 training you received? 2 Yes, my first year of postgraduate training was A. 3 a rotating intern at the Mt. Sinai Hospital of 4 Cleveland. 5 During my second year I was a general 6 surgery resident also at Mt. Sinai. 7 My third and fourth years, were as an 8 orthopedic surgery resident at Mt. Sinai, and 9 during my fifth year I was a National Institute 10 of Health research associate in the biomechanics 11 laboratory at Case Western Reserve University, 12 My sixth and final year of postgraduate 13 training was at Childrens' Orthopedics at 14 Indiana University Medical Center. 15 Q, Doctor, did your training include any type of 16 internship or residency? 17 A. Maybe I didn't explain it very well, 18 The first year was an internship and then 19 I had three years of orthopedic residency; one 20 year of general surgery residency and a year of 21 fellowship. 22 0. T see. Thank you, doctor. Do you specialize in 23 any particular branch of medicine? 24 Yes, I am an orthopedic surgeon. A. 25 What is an orthopedic surgeon? **Q**.

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A. An orthopedic surgeon is a specialist who treats patients who have problems with their musculoskelet 1 system.

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Q.

As an orthopedic surgeon I take care of patients who have problems with their **bones**, joints, soft tissues that cover those areas; the muscles, ligaments **and** tendons **as** well as taking care of patients who have problems with their spine and its contents. I treat a variety of patient problems. There are those that are present at birth that are referred to **as** congenital there are problems that become apparent during adolescence and **puberty** and are referred to **as** developmental.

There are the injuries that occur following vehicular accidents, sports activities, work related activities, and those are referred to as traumatic.

And then there is the large class of patient problems that we all encounter as we grow older and those are referred to as degenerativ.

As an orthopedic surgeon I treat patients both with surgery and without surgery, depending on their needs.

Thank you. Wow, have you always engaged in the

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1		practice or specialty of orthopedic surgery
2		during the course of your profession?
3	A.	Y e s.
4	Q.	Doctor, are you on any staffs, are you on the
5		staff of any hospitals?
6	A.	Y e s .
7	Q.	Can you tell us which hospitals?
8	A.	Mt. Sinai Medical Center of Cleveland.
9	а	Any others at the present time?
10	A.	No.
11	Q.	In the past have you been on the staff at other
12		hospitals?
13	а	Yes.
14	Q.	What other hospitals?
15	A.	Meridia Suburban, what is now Meridia Suburban;
16		what is now Meridia Huron and Hillcrest Hospitals.
17	Q.	Thank you. Do you do any teaching presently?
18	A.	Yes.
19	Q.	What teaching do you do?
20	A.	I am an assistant clinical professor of
21		orthopedic surgery at Case Western Reserve
22		University, School of Medicine.
23		I am active in the orthopedic residency
24		teaching program at the Mt. Sinai Medical Center
25		and I lecture in the field of biomechanics.
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1	Q.	Do you belong to any professional groups or
2		societies in your field of medicine?
3	А.	Yes.
4	Q.	Could you give us a sample of what groups yau
5		belong to?
6	A.	Certainly, I am a member of the American
7		Academy of Orthopedic Surgeons; the International
8		Society of Orthopedics and Traumatology; the
9		Orthopedic Research Society and the Clinical
10		Orthopedic Society.
11	Q.	Thank you, doctor.
12		Now, are you Board certified in any of
13		these professional organizations?
14	A.	No.
15	Q.	No? Do you hold any special positions in any
16		of these organizations?
17	A.	Those are? not the organizations that are
18		responsible for Board certification.
19	Q.	Doctor, maybe I nisasked the question. Are there
20		any organizations that you belong to which you are
21		Board certified in?
22	А.	Yes.
23	Q.	And what groups or organizations do you belong
24		to where you are Board certified?
25	A.	The only group or organization that is responsible

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for Board certification is the American Board of Orthopedic Surgery. And I have been certified by the American Board of Orthopedic Surgery.

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And could you tell us what it means to be Board certified?

Yes, it means that I have completed a postgraduate A. training program after medical school which is required by the American Board of Orthopedic Surgery; that I have practiced only orthopedic surgery to the exclusion of other branches of medicine, In my case I had to practice orthopedics in one location for one year, and I also had to take an examination which was a full day of written examination and a half day oral examination,

17 And having completed **all of** those 18 parameters I was considered to be Board certified. 19 And in essence it means that I have the knowledge, N. 20 skill and expertise to practice my specialty. 21 And how long have you been Board certified? 0. 22 Twenty-two years, A. 23 Now, doctor, do you hold any other special 0. 24

position within any of the medical organizations to which you belong?

-1	а	Yes, I am an examiner for the American Board of	.0
2		Orthopedic Surgery.	
3	Q.	And what does it mean to be an examiner?	- - - - -
4	A.	As an examiner for the American Board of	
5		Orthopedic Surgery, I help to conduct the oral	
6		portion of the Board examinations.	
7		Each individual, each young orthopedic sur-	
8		geon who is applying €or approval by the American	
9		Board of Orthopedic Surgeons as to complete	
10		successfully both the written and oral examination,	ıd.
11		I help to conduct the oral examinations. That	at
12		is the only time I get to ask the questions,	
13	Q.	Thank you, doctor.	
14		Mow, being Board certified with the	
15		American Board of Orthopedic Surgeons, I assume	
16		by the way it is titled that this is something	
17		on a national basis, is that correct?	
18	а	That's correct.	
19	Q.	Doctor, have you done any writing in your medical	
20		field?	
21	A.	Y e s.	
22	Q.	And could you again give us a sampling of the	
23		articles that you have written?	
24	A.	Certainly.	
25	Q	And that have been published.	

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1	Q.	Thank you. Now, at my request, doctor, did you
2		have an occasion to see Mary Anne Yarmesch?
3	A.	I did.
4	Q.	Can you tell us when you saw Miss Yarmesch?
5	A	Yes, I believe it was in December of 1992.
6	8	And, doctor, as you sit here today, do you have
7		an independent recollection of that examination?
8	A.	N o .
9	Q.	Do you have notes or records which you can refer
10		to which would help you recall that examination
11		and your opinions in connection with therewith?
12	A.	Yes.
13	Q.	Doctor, please feel free to refer to them as
14		necessary -
15	A.	Thank you.
16	Q	Now, could you tell us, doctor, when you examined
17		Miss Yarmesch, what are the normal steps you as
18		an orthopedic surgeon do in an examination?
19	Α.	The first thing I do after introducing myself
20		is to take a history, and once I have obtained
21		a history I perform a physical examination of
22		the part or parts of the body about which the
23		individual is complaining.
24		And then if indicated I order radiographs
25		or x-rays of those parts and review them,

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1	Q.	Now, doctor, what is a history?
2	A	A history is the beginning of the diagnostic
3		process. Without a history any physician would
4		not know the patient's complaints; would not know
5		really where to begin to look for the cause of
6		those complaints.
7		A history can be divided in three parts.
8		The first part is a recitation of certain facts
9		that the patient tells me that have occurred
10		between the onset of the problem, here Mrs.
11		Yarmesch's accident, and the time I see her.
12		The second part of the history is called
13		the current complaint, what her present symptoms
14		are or what her symptoms are on the day I
15		examine her.
16		And the third part of the history is the
17		past medical history in which the patient relates
18		prior symptoms that they may have had which are
19		comparable to those about which they are
20		complaining at the present time.
21	Q.	And, doctor, did you take a history from Miss.
22		Yarmesch?
23	A.	Yes, I did.
24	Q.	And could you tell us, please, what is the
25		history she gave you?

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1	Α	Certainly, She told me that she had been
2		injured on March 31st, 1990 when she was driving
3		an automobile which was moving when it was
4		involved in a collision with an S-10 pick-up,
5		She indicated that the right front. end
6		of her vehicle was damaged.
7		She was wearing seat belts at the time
8		of the accident.
9		She had, as she put it, stiffened her
10		right arm on the steering wheel and saw the
11		collision about to occur.
12		She also struck her head on the driver's
13		side window but did not become unconscious,
14		Soon after the accident she became aware
15		of pain in her neck and aware of a headache.
16		She told me that the following morning
17		she went to Marymount Hospital and by that time
18		she had pain in the superior aspect of the right
19		shoulder.
20		There she was examined, treated and
21		released.
22	0	Doctor, I'm sorry but could I interrupt you for
23		just a second? What is the superior aspect of
24		the right shoulder?
25	A	It is this area of the shoulder to differentiate

H		1t from the actual shoulper joint
5	Q	Thank Jou, Moctor. Please coadigue.
က	A	She told me that she was given a prescription
4		for Motrin but could not take this medication
Û		because it made her ill.
9	-	She told me that sometime thereafter
7		she came wnder the care of Dr. Sejaour Frhedran,
œ		her family doctor.
6		By ghat time she continued o have symp om
10		with respect to her neck and superior aspect of
		her right shoulder.
12		Dr. Friedman treated her with what she
13		referred to as anti-inflammatory drugs and
14		later home cervical traction.
12		She indicated the traction, as she put
16		it, worked for a while.
17		She was re-evaluated by Dr. Friedman
18		approximately once a month.
19		During the latter part of 1990, she came
20		under the care of Dr. LoPresti who had cared for
21		her in the past.
22		By that time she had pain which radiated from
23		her seck into the proxamal aspect of her right
24		shoulder.
25	Q	If I can interrupt you again, where is the

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1		proximal aspect of the right shoulder?
2	A.	It is this area right here.
3	Q.	Thank you, doctor.
4	А.	Dr. LoPresti referred her to Dr. Craciun to
5		determine whether her symptoms were coming from,
6		as she indicated, a nerve in my neck.
7		And she also indicated that her right hand
8		was falling asleep.
9		She recalled that by three months after
10		the accident, she would be awakened two to
11	s ¹	three times a night with a feeling, as she
12		described.it, Do circulation.
13		Her symptoms had begun, as she indicated,
14		not too long after the accident and were present
15		initially as she indicated once in a while,
16		She told me that Dr. Craciun performed
17		several studies, These demonstrated, as she
18		indicated to me, carpal tunnel and nothing in
19		my neck.
20		She told me that she also underwent an
21		MRI of her cervical spine and this revealed that
22		there was, as she indicated, nothing wrong.
23		She told me after approximately three
24	the second second	months of discussion with Blue Cross she was
25		able to obtain an MRI of her right shoulder.

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1	She was unsure of the results of that test.
2	She then returned to Dr. LoPresti who
3	treated her with a cortisone shot in her right
4	shoulder. He referred her to therapy.
5	She received treatments for two months
6	and found they were of no help.
7	Dr. LoPresti indicated that her symptoms
8	were stemming from her, as she put it, the
9	rotator cuff.
10	He suggested an upper limb specialist,
11	she told me,
12	She told me that during the latter part
13	of 1991 she came under the care of Dr. Seitz,
14	She had attempted to make an appointment at the
15	Cleveland Clinic but could not because she had
16	been involved in an accident.
17	Dr. Seitz obtained routine radiographs
18	and an ultrasound at the Mt. Sinai Medical
19	Center. The ultrasound revealed what she
20	referred to as a torn rotator cuff and spurs in
21	her shoulder.
22	Dr. Seitz also indicated that she was
23	symptomatic with respect to her neck because
24	her body had adjusted to her shoulder problem.
25	On April 1st, 1992 she underwent surgery

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1	at the Mt. Sinai Medical Center.
2	She told me that Dr. Seitz, as she put
3	it, cleaned out'the spurs and cut a tendon.
4	It increased the mobility. He moved the bone.
5	Following her surgery, she continued
6	under Dr. Seitz' care and prior to my examination
7	of December of 1992, she was examined by him
8	in October of 1992. She told me that she had not
9	undergone any right wrist surgery, although
10	her hand was still falling asleep, she wore a
11	splint at nighttime.
12	So that completed the first part of the
13	history, what had happened from the time of the
14	accident until the time I saw her in 1992.
15	Q. Go ahead, doctor.
16	A. I then asked her how she was feeling at the time
17	that I examined her and she indicated, and I
18	quote, "My shoulder is still not where it was."
19	She felt that she was still limited.
20	She could not reach behind her back to buckle
21	my bra, she indicated, and had difficulty in
22	raising her arm above shoulder level.
23	When she attempted to sleep on her left
24	side, she would have to rest her right arm on
25	a pillow, She could only sleep on her right should(

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1	for approximately 15 minutes.
2	She was able to unable, excuse me,
3	to carry a tray and demonstrated that her arm
4	doesn't go back.
5	She demonstrated that she was unable to
6	align her palm with her shoulder,
7	Her right shoulder would hurt with rain
8	and snow and her symptoms were decreased by the
9	use of a hot tub.
10	She also told me that her right hand
11	continued to fall asleep, as she put it .
12	This occurred more frequently at night than
13	during the day,
14	The numbness involved all the fingers
15	of the right hand. This symptom was not
16	occurring as frequently when I examined her
17	as.it had been in the past,
18	She now had no symptoms, or was
19	asymptomatic, with respect to her neck,
20	She was taking insulin and had been a
21	diabetic for 24 years. She was taking two
22	tablets of Nuprin two to three times a week.
23	I then inquired into her past medical
24	history and she indicated to me that she had
25	not had any symptoms referable to her neck or

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1		right shoulder before the accident.
2		She had sustained a fracture of her right
3		little finger but she had never had any numbness
4		in her right hand. She also did not have any
5		numbness in her left hand.
6		She told me that since the accident of
7		March 30, 1991, she had fallen on to her left
8		side and sustained a fracture of her left foot.
9		She did not reinjure her right shoulder
10		in that fall, however, and that concluded her
11		history.
12	Q.	Thank you, doctor, Did you then perform a
13		physical examination on your own of Miss Yarmesch?
14	A.	Yes.
15	Q.	And could you tell us about that examination?
16	A	Certainly, The examination revealed a female of
17		approximately her stated age who was of tall
18		stature.
19		She indicated to me that she was five foot
20		ten inches and that she weighed 175 pounds.
21		I noted that she got up out of a sitting
22		position without difficulty; that she walked
23		without limping and that she was able to climb
23	- ¹⁹⁶	on to and off of the examining table in a normal
24		fashion.
23		Solvey 17

1 I examined her cervical spine, or her 2 neck, and noted that she had normal cervical 3 lordosis without evidence of paracervical ox 4 trapezius spasm. 5 There were no areas of localized 6 tenderness with palpation of the paracervical 7 or trapezius muscles. 8 There was **a** full range of cervical 9 flexion extension. lateral rotation and lateral 10 bending, 11 I examined her right shoulder and noted 12 that **she had** well healed anterior and lateral 13 arthroscopy Scars. 14 There was no evidence of atrophy. 15 There was no tenderness with palpation 16 of the shoulder or of the acromioclavicular 17 joint. 18 The active range of motion in degrees was abduction 160, forward flexion, 170, 19 external rotation 45, internal rotation, L4. 20 Horizontal flexion complete. This compared 21 to the active range of motion of her left 22 shoulder of abduction 180 degrees, forward 23 flexion, 180 degrees, external rotation 45 24 degrees, internal rotation to the scapula, 25

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horizontal flexion complete.

		norizontal flexion complete.
2		Muscle strength was five out of five.
3	Q	Doctor, before we go on, you went through a lot
4		of measurements and rotations. And could you
5		possibly in more simple terms for us explain
6		what the differences were between her right
7		and left shoulder?
8	Α.	Certainly. Abduction is raising your arm from
9		the side, so when you can raise your arm straight
10		up, that's 180 degrees. On her right side she
11		could raise it to 160, and on the left side to
12		180. So she lacked 20 degrees.
13	Q.	could you show us what that 29 degree difference
14		would be in terms of how far up?
15	A.	Well, this is 160 and this is 180.
16	Q.	Thank you, doctor,
17	А.	Forward flexion is this maneuver. Okay? So
18		on one side she was to about here, which is 170
19		and on the other side 180, so she lacked ten
20		degrees.
21		She had the same degree of external
22		rotation, which is just bringing your arms out
23		from the side. Internal rotation is reaching
24	24) -	behind your back. Unless I get up and turn
25	56 ¹ .	around, but I think I can describe it. On her

1		left side she could reach her shoulder blade,
2		On her right side she could only reach
3		her waist, so she had a fair amount of limitation
4		of internal rotation, about eight inches,
5		Horizontal. flexion is bringing your arm
6		in front of your body and that was normal on
7		both sides.
8	Q	Thank you, doctor. I appreciate your going
9		through that.
10		What other examinations did you perform?
11	A.	I did a neurologic examination of the upper
12		extremities and noted that she had symmetrical
13		deep tendon reflexes.
14		She had normal muscle strength,
15		There was decreased perception of pinprick
16		in the median nerve distribution of the right
17		hand and the Phalen's test was positive after
18		20 seconds.
19	Q.	What is the Phalen's test?
20	À.	Tha Phalen's test is a maneuver where the
21		patient is asked to bring both wrists, flex
22		them and to oppose the back surfaces of their
23		hands. In so doing you compress the carpal
24		tunnel which is an anatomic area of your wrist
2٤	And the second second	and put pressure on the. median nerve. The test
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1		was positive in that by causing compression of
2		the carpal tunnel she complained of numbness
3		in the median nerve distribution which is these
4		three fingers.
5	Q.	Does that mean she had carpal tunnel?
6	A.	It means, from a clinical standpoint that she
7		had carpal tunnel, that is correct,
8	Q.	Thank you. Doctor, did you perform any other
9		physical examination?
10	A.	No, that completed the examination.
11	Q.	Did you obtain any x-rays at the time that you
12		examined ox did you have any x-rays taken?
13	Α.	I did.
14	Q.	And what did those x-rays what parts of her
15		body did you have x-rays of and what did those
16		x-rays reveal?
17	A.	I asked that radiographs of the acromioclavicular
18		joints be obtained and those were normal.
19		There was no evidence of fracture,
20		subluxation, dislocation or separation.
21		I asked that radiographs of the right
22		shoulder be obtained and there was no evidence
23		of fracture, dislocation or degenerative change.
24		There was a mild anterior acromial spur.
25		And I asked that radiographs of the right

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		wrists be obtained and there was no evidence of
2		fracture, dislocation or degenerative change.
3	Q.	Did that complete your examination of Miss
4	1	Yarmesch?
5	A.	Y e s.
6	Q.	Doctor, you also had some records available to
7		you to review regarding her past treatment, is
8		that correct?
9	А.	Y e s.
10	Q	Could you tell us,please, what records you
11		reviewed and of what significance you found
12		in those records?
13	A.	Yes. After I examined her I reviewed the
14		emergency room record from Marymount Hospital
15		for April 1st, 1990.
16		I reviewed the radiographs of the right
17		shoulder that were obtained on April 1st, 1990.
18		I reviewed Dr. Friedman's letter of
19		January 12, 1991.
20		I attempted to review Dr. LoPresti's
21		office records but they were generally illegible.
22		I reviewed radiographs of the right
23		shoulder on July 15, 1991, and an MRI of the
24	82 juli	cervical spine on July 3.5, 1991, and an MRI
25	te de la competition	of the right shoulder which was performed on
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26 1 October 28, 1991. 2 I reviewed Dr. Craciun's records, and Dr. Seitz' office records for the period between 3 4 February 13, 1992 and August 20, 1992, 5 I reviewed radiographs of the right shoulder obtained at Dr. Seitz' request on 6 7 February 13, 1992. 8 And I reviewed records from the Mt. Sinai 9 Medical Canter for the surgery that was performed 10 on April 1st, 1992. 11 Q. And what, if any, significance did you find in 12 those records, doctor? I noted that on April 1st, 1990, one day after 13 Α the accident, when Miss Yarmesch was examined 14 15 in the emergency room of Marymount Hospital, she had complaints of right shoulder pain. 16 The examining physician noted, among 17 other things, that she had pain primarily with 18 movement, and that **his** diagnosis was a right 19 shoulder soft tissue injury. 20 I reviewed the radiographs obtained on the day 21 of the injury and noted that they revealed no 22 evidence of fracture or dislocation, and in 23 particular they revealed no evidence of 24 subluxation or separation of the 25 يدي فيرد ور acromioclavicular joint.

1	I reviewed Dr. Friedman's letter and
2	noted that when he first examined her approxi-
3	mately two weeks after the accident she had
4	several symptoms, including numbness of her
5	right hand.
6	I recall that his records or his letter
7	indicated that he examined her on-several
8	occasions but he did not describe the physical
9	findings which were always present.
10	The MRI of the cervical spine from July
11	15, 1991 was normal.
12	I actually reviewed the films of the MRI
13	of the right shoulder obtained on October 28, 1991
14	and that was normal and demonstrated no
15	abnormality of the rotator cuff.
16	Dr. Craciun performed an examination and
17	found that Miss Yarmesch had very mild decrease
18	in pinprick and light touch sensation in a
19	stocking glove distribution with upper limits
20	at the knees and elbows.
21	P What does that mean, doctor?
22	A That is a nan that is a finding for which
23	there is no anatomic basis , When an individual
24	has a stocking distribution or glove-like
25	distribution, that means that the numbness follows

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a circumferential pattern as opposed to a dermatomal pettern. A dermatomal pattern is a pattern in the skin that is supplied by a specific nerve, so that is a finding which really has no anatomic basis and is not explainable on the basis of any medical knowledge. On June 27th, 1991, Dr. Craciun performed electro diagnostic studies and he noted that she had a carpal tunnel syndrome on the right as well as a right; ulnar neuropathy. There was no evidence of cervical radiculopathy_ Dr. Seitz' office records covered his treatment of Mrs. Parmesch between February 13, 1992 and August 20, of 1992. At the time he saw her approximately two years after the accident, she had symptoms referable to her right shoulder. He apparently reviewed the previous MRI'S and he also reviewed radiographs at the time of his examination. He indicated that those radiographs revealed, and 1 quote, "What appears to be a grade 2 AC separation; a type 3 acromion, some

narrowing of the AC joint itself.

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Following his examination his impression was posttraumatic rotator cuff impingement, right shoulder, grade 2 AC separation right shoulder. Secondary frozen shoulder. Median compression right wrist. Probably posttraumatic as well.

As I indicated I reviewed the radiographs of the right shoulder that Dr. Seitz obtained on February 13, 1992. They do demonstrate a type 3 acromion. They are not the appropriate views to demonstrate the relationships of the acromioclavicular joint and I believe they are not the views upon which the diagnosis of acromioclavicular joint separation can be made.
Q. Doctor, if I can interrupt you there €or a minute then, What is a type 3 acromion?
A. Would a model help?

18 Q. Certainly.

A. This is the model of the right shoulder.

This is the collarbone or the clavicle, and this is the acromion which is part of the shoulder blade. So the acromion comes from the back around to the front. And when we talk about different types of acromion, it has to do with the configuration of the undersurface of th

, ¹		acromion. A type 3 acromion is like a hook and
2		it comes down as opposed to a type 1 which is
3		flat.
4	Q	So that has nothing to do with traumatic injury,
5		it is just the way the person's acromion developed
6		as they grew up, is that what you're saying?
7	A	That's correct.
8	ୁସ୍କ	So the reference to a type 3 acromion is just
9		a reference to how Mrs. Tarmesch's acromion
10		developed as she grew up, is that what I
11		understand2
12	A	That's correct.
13	ୟ	Okay. Thank you, doctor. Could you go on and
14		tell us what other significant records you saw?
15	A	Yes. In Dr. Seitz' office records he referred
16		to the ultresound of the right shoulder which he
17		had ordered, and he indicated and I quote,
18	("Some edema in inflammation in the rotator cuff bu
19		no frank tear."
2c -		Now, the records from Mt. Sinai Medical
21		Center indicate that Mrs. farmesch was admitted
2:		to the hospital on April 1st, 1992 and on that
2:		day underwent an operative procedure which was
24		entitled: Examination of the right shoulder under

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arthroscopic subacromial decompression, coracoligament resection and anterial acromialplasty, Doctor, could you kind of give us some more of a layman's idea of what that means? Sure. Examination of the right shoulder under anesthesia is merely an examination of the right shoulder, its motion, while the patient was under anesthesia or asleep.

Manipulation wa5 a movement of the shoulder by Dr. Seitz and/or his associate or assistant, rather, Dr. Selman, while the patient was asleep to gain some further movement of the shoulder.

An arthroscopic subacromial decompression, coraco-acromia3 Ligament resection and anterior acromialplasty are all one procedure with separate parts.

The arthroscopic subacromial decompression refers to the fact that the subacromial space is being decompressed or being made larger,. so the subacromial space is the space that is under the acromion like a submarine is under the water. Okay? The coraco-acromial ligament is this ligament here, right here, that extends from the coracoid which is this process, to the

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1		acromion, So when you do a coraco-acromial
2		release, you cut this ligament.
3		And then an anterior acromialplasty is
4		removal of that leading edge and spur which gives
5		the acromion the type 3 configuration, so in
6		essence, you are trying to convert it from an
7		acromion, which is hook shaped, to one that is
8		flat.
9	Q.	Okay. Thank you, doctor.
10		Was there anything else of significance
11		in those records?
12	A.	Yes. The operative notes which were dictated
13		by one of the residents, Dr, Selman, contained
14		some errors,
15		Dr. Selman wrote, "The preoperative
16		ultrasound disclosed a partial thickness,
17		rotator cuff tear."
18		But that is not what it said, There
19		was no indication that it did,
20		He did describe considerable fraying of
21		the supraspinatus tendon and a linear, about
22		four millimeters, that is, about a sixth of an
23		inch, tear was found in the supraspinatus tendon
24		and it was partial thickness.
25	Q.	What does that mean, that it's partial thickness?

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1	A.	It means that it does not extend through the
2		entire substance of the rotator cuff, that is
3		to say, from the humeral side to the acromial
4		side, That is what partial thickness refers to.
5	Q.	Thank you. Now, doctor, based upon your medical
6		training and background and the examination of
7		Mrs, Yarmesch, the history she gave you and the
8		records that you have reviewed, did you reach
9		any opinions to a reasonable degree of medical
10		certainty as to what injuries Mrs. Yarmesch
11		suffered as a result of this motor vehicle
12		accident on March 31st, 1990?
13	A.	Y e s •
14	Q.	And, doctor, could you tell us what those
15		opinions are?
16	А.	Yes. I believe that she sustained a contusion
17		to her head, a cervical strain and a soft tissue
18		injury to her right shoulder.
19	Q.	Doctor, let's go through those just, if we could,
20		one at a time. What is a contusion to the head?
21	A.	A bump on the head,
22	Q.	Thank you. And a cervical strain, what is that,
23		doctor?
24	Α.	A strain is an injury to the muscles around a
25	The state of the state	structure, Like a hamstring pull is a strain

	so a cervical strain would be an injury to the
	muscles of the neck.
Q	And what is a soft tissue injury to the right
	shoulder?
A	Soft tissue injury to the right shoulder is an
	injury which involves the muscles and structures
	external to the shoulder joint.
Q	And, doctor, do you find to a reasonable degree
	of medical certainty that Miss Parmesch is still
	suffering from any of those problems which you
	believe are related to the accident?
A	I find to a reasonable degree of medical certainty
	that she is not suffering from any of those
	problems.
Q	Thank you. And do you have an opinion to a
	reasonable degree of medical certainty as to how
	long those problems did affect Miss Tarmesch?
A	No, I don't have an opinion,
Q	Okay. At the time you saw her, was she still
	suffering from any of those problems, to your
	opinion, to a reasonable degree of medical
	certainty?
	MR. STEGE: Objection.
	I'm not clear as to what those problems
	are.

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1		MR. WANTZ: The problems,
2		all right, I will rephrase the question.
3	Q.	Doctor, do you have an opinion to a reasonable
4		degree of medical certainty as to whether Miss
5		Yarmesch still suffered from any problems as a
6		result of the motor vehicle accident at the time
7		you examined her in December of 1992?
8	A.	At the time that I examined her in 1992, she
9		was not suffering any residuals of the contusion
10		of her head: the cervical strain or the soft
11		tissue injury to her right shoulder that she had
12		sustained as a result of the accident.
13	Q.	Now, doctor, Dr. Seitz has also already testified
14		and he has rendered his opinion that as a result
15		of this accident, Hiss Yarmesch suffered from
16		acromioclavicular separation of the right
17		shoulder, are you aware of-that?
18	А.	Y e s.
19	Q.	Are you aware that that his his opinion?
20	A.	Y e s .
21	Q	All right. And, doctor, do you have an opinion
22		to a reasonable degree of medical certainty as
23		to whether Miss Yarmesch suffered such a
24		separation from this accident?
25	A.	Yes, I have an opinion.

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1	Q.	And what is your opinion, doctor?
2	A.	My opinion is that she did not suffer an
3		acromioclavicular separation as a result of that
4		injury .
5	Q	And could you explain, and I believe you touched
6		on it a little?bit already, but could you explain
7		to us why that is your opinion?
8	A.	Yes. The bottom line is that there is no
9		objective evidence that she has or had that
10		injury.
11		When I examined her about two and a half
12		years after the accident, I obtained appropriate
13		views of the acromioclavicular joint and those
14		views demonstrate normal relationships. When you
15		develop an acromioclavicular separation,
16		especially the type that Dr. Seitz referred to as
17		a type-2, the relationships found on both
18		clinical examination and x-ray examination
19		between the outer end of the clavicle and the
20		acromion are abnormal, They were not abnormal.
21	Q.	Doctor, you mentioned appropriate views. You
22		are talking about the radiographs or x-rays that
23		you obtained, is that correct?
24	A.	Yes.
25	Q	And you have those here with you, don't you?

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		-
1	a	Yes.
2	Q.	Could you show us what you mean doctor by putting
3		them on your shadow box?
4	A.	Certainly. This is a radiograph of both the
5		right and left acromioclavicular joint obtained
6		on December 10, 1992 of Mary Anne Yarmesch, the
7		day that I examined her.
8		This structure is the collarbone or the
9		clavicle, and this structure is the acromion which
10		attaches as we saw before as part of the scapula
11		or shoulder blade,
12		And if I draw a line along the undersurface
13		of the clavicle and a line along the undersurface
14		of the acromion, the two line up.
15		With a type 2 acromioclavicular separation,
16		the clavicle rides high. Okay.
17		Now, we were talking about appropriate
18		views. I have the views that Dr. Seitz obtained
19		when he was when he examined Mrs. Yarmesch
20		in February of February 13, 1992, and I also
21		obtained the same views when I examined her
22		because those are the standard views that
23		orthopedists obtain of the shoulder. And because
24		they are not taken to visualize the acromio-
25		clavicular joint, they give you a false impression.

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For example, **if** you draw **a** line here along the undersurface of the clavicle and the acromion, **it looks** like the clavicle **is** riding high with respect to the acromion on this view. And this makes **it** look even worse.

Here is the undersurface of the clavicle, Here is the acromion, and there is a big separation. But those are not the views. I mean, if those views were adequate views we wouldn't have this view which we ask for when we are concerned about an acromioclavicular separation. So that is the bottom line. There is no acromioclavicular separation.

Q Now, doctor, just so I know what you are saying, in other words, the views that Dr. Seitz looked at were not properly angled, is that what you are saying3

A. The views that Dr. Seitz looked at were proper views to evaluate the shoulder and the subacromial space, They are not centered properly.

I don't want to imply that anything is improper'but **if** you want to evaluate the acromioclavicular joint, then you need to obtain different views that focus on **the acromio**-

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1		clavicular joint so that, yes, in fact, they
2		are centered on the acromioclavicular joint,
3		the angle of the x-ray tube is appropriate.
4	Q.	Doctor, I didn't mean to imply any mistake, but
5		I'm only asking about the x-rays that Dr. Seitz
6		looked at were not correctly positioned in order
7		to evaluate the acromioclavicular joint?
8	A.	Exactly. They are not the standard views for the
9		acromioclavicular joint.
10	Q.	Now, doctor, would the surgery, the surgical
11		procedure, that Dr. Seitz performed, would that
12		have corrected the separation so that resulting
13		in what you found?
14	A.	N o .
15	Q	Okay. If the separation had been there you would
16		have still seen it in your views of the x-rays?
17	A.	Absolutely because I was going to say would
18		that in fact have made it worse? Actually, it
19		wouldn't have made it worse but it certainly
20		is not that type of surgery is not the type
21		of surgery that one does to repair an
22		acromioclavicular separation.
23	Q.	Thank you, Now, doctor, also Dr. Seitz has
24	2 .	rendered the opinion that the rotator cu _{ff t} ear
25	n ja standar	that he found was caused by this automobile
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1		accident, are you aware of that?
2	A.	Y e s.
3	Р	All right. And, doctor, do you have an opinion
4		as to a reasonable degree of medical certainty
5		as to whether the rotator cuff tear that Dr.
6		Seitz found was caused by the motor vehicle
7		accident in March of 1990?
8	A.	Yes, I have an opinion.
9	Q.	And what is your opinion, doctor?
10	А.	My opinion is that the partial, not full
11		thickness, one-sixth of an inch, rotator cuff
12		tear that was noted at the time of her surgery
13		two years after the accident was not caused by
14		the accident.
15	Q	Doctor, can you tell us why that is your opinion?
16	Α.	Certainly. As I understand the mechanism of the
17		accident or events of the accident, Mrs. Yarmesch
18		was driving an automobile which was moving when
19		the right front end of her car was struck and
20		she said she braced her hand on the steering
21		wheel so there was a rapid deceleration, and
22		if anything she had anterior to posterior loading
23		of her shoulder, that is to say, her shoulder
24		might have gone posteriorly. The rotator cuff
25		is superior. Rotator cuff tears are caused by

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falling on an outstretched arm, falling with your arm adeducted across your body, landing on the point of your shoulder, not with your arm out in front of you, That's number one.

People who -- patfents who sustain a rotator cuff tear have significant symptoms with respect to their shoulder joint and continue to have those symptoms until the condition is treated.

In reviewing Mrs. Yarmesch's records, she was seen in the emergency room the day after the accident. She saw Dr, Friedman two weeks after the accident. She then saw Dr. Friedman two weeks later which was four weeks after the accident, and then did not see him for seven months. So if she was having persistent symptoms from a rotator cuff tear there wouldn't have been that hiatus in treatment.

Another very important factor is that when she saw Dr. LoPresti, I think about a year after the accident, I can't keep all of these dates straight, but actually she saw him in August of 1991 which was almost a year and a half after the accident, An MRI of the shoulder was performed and that demonstrated no evidence

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1		of a rotator cuff tear. If she had torn a
2		rotator cuff tear if she had torn her rotator
3		cuff in the accident, that also would have shown
4		up on the MRI.
5	õ	Doctor, if it was only a partial tear, would a
6		partial tear show up on an MRI?
7	A.	A partial tear would show up on an MRI.
8	Q.	Doctor, let me go ahead, I'm sorry.
9	A.	I'm only half through.
10	Q.	I apologize.
11	A.	No, there is just one other factor and the other
12		factor that is important is that Mrs. Yarmesch
13		has a type 3 acromion, a hooked acromion and
14		when people have a type 3 acromion, each time
15		they abduct their arm, they are bringing their
16		rotator cuff in close proximity to the acromion
17		and over a period of time develop degenerative
18		changes in the rotator cuff as opposed to a
19		traumatic change and can develop these small
20		little tears.
21	Q.	Are there any other factors, doctor?
22	A.	Not that I can think of right now.
23	Q.	Doctor, let me ask you, and you mentioned it
24		earlier, Miss Yarmesch did have complaints of,
25		and I wrote it down here, pain in the superior

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1		aspect of her right shoulder after the accident.
2		Does that have any significance to you in terms
3		of the AC separation or the rotator cuff tear?
4	А.	No, it doesn't have any significance because
5		she doesn't have an AG separation, Okay. It
6		doesn't have any significance well, it has
7		significance with respect to the rotator cuff
8		tear because people who have rotator cuff tears
9		don't complain of pain in the superior aspect
10		of their shoulder, they actually complain of
11		pain inferiorato their shoulder near the origin
12		of the deltoid muscle. It's called referred
13		pain.
14	Q	You're pointing to the area that you are
15		referring to?
16	A.	Right.
17	Q.	Okay,
18	A.	People who have neck injuries, which is an injury
19		that I believe that Miss Yarmesch sustained,
20		a cervical strain, complain of pain in the
21		superior aspect of their shoulder, in their
22		trapezious, because the trapezious muscle is
23		like a shawl, if you will, and it begins on the
24		side of your neck, drapes over the top of your
25	Alto c	shoulder and then down your shoulder blade. So

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1		when you experience, as she did, flexion-
2		extension maneuver, you can strain that muscle
3		and so it is not at all unusual for people to
4		experience pain in the superior aspect of the
5		shoulder.
6	Q.	Thank you. Doctor, there is one last area I want
7		to cover. Again, I think you mentioned in your
8		opinion Miss Yarmesch does suffer: from carpal
9		tunnel symptoms, is that correct?
10	A.	Yes.
11	Q.	Doctor, do you believe, to a reasonable degree
12	-	of medical certainty, or do you have an opinion
13		to a reasonable degree of medical certainty,
14	-	as to whether these carpal tunnel symptoms are
15		related to the motor vehicle accident of March
16		1990?
17	A.	Yes, I have an opinion.
18	Q	And what is your opinion?
19	A.	My opinion is that they are not related to the
20		accident.
21	Q.	And, again, doctor, could you tell us why?
22	А.	There is no indication that she had an injury
23		to her wrist which would have! been competent to
24		cause an injury to the carpal tunnel. Rather,
25	Sec.	there is evidence that she is a diabetic and

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people who have diabetes develop what is known as diabetic neuropathy, and one form of diabetic neuropathy is involvement of the median nerve which can, I don't want to use the word masquerade, but produce the same kind of symptoms because it involves the median nerve as carpal tunnel syndrome.

In fact, to further that opinion is the fact that she also has involvement of her ulnar nerve which is the nerve right next to the median nerve. So she has a peripheral, what is called a peripheral neuropatky. Wow you're going to ask me what that means.

14 **Q** You anticipate, doctor.

A It's an involvement of the nerves in the extremity as opposed to a nerve coming from her neck, And I believe that is on the basis of the diabetes.

MR. WANTZ: Thank you, doctor. 1 have no further questions. THE WITNESS: You're welcome MR. STEGE: Doctor, I'm going to ask to go off the record for just one minute so I can organize my notes. Thank you.

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1	VIDEOTAPE OPERATOR: We are off the
2	record.
3	(Temporarily off the record.)
4	VIDEOTAPE OPERATOR : We are now
5	back on the record.
6	back on the record.
7	
8	CROSS-EXAMINATION OF DR. DENNIS BROOKS
	BY MR. STEGE:
9	Q. Dr. Brooks, Rick Stege for Mary Anne Yarmesch.
10	A. Good evening,
11	Q Good evening.
12	Doctor, you examined Mrs, Yarmesch, Ms. Yarmesch
13	rather, Ms,, I think that is the appropriate
14	way she prefers to be addressed, Ms. Yarmesch,
15	in December of '92, is that correct?
16	A. Yes.
17	Q. And that was approximately eight months after
18	her surgery, is that corrects?
19	A. Yes.
20	Q But it was; several months before Dr. Seitz
21	brought her in for a further manipulation of
22	her shoulder under anesthesia, is that correct?
23	A. I am unaware that she had any further treatment
24	after I examined <i>hex</i> .
25	Q. Doctor, I'm going to tell you that she did have

1		further treatment in July of this year, further
2		manipulation under anesthesia, but I take it
3		that you have no records to that effect, is
4		that correct?
5	А.	That's correct.
6	Q.	You have no information since December of 1992,
7		is that correct?
8	А.	That is correct,
9		MR. WANTZ: I'm going
10		to object to this. I'm not sure you
11		provided it to me,
12		MR. STEGE: I did to
13		you or co-counsel and to you.
14	Q.	Doctor, when you saw her in December of 1992
15		or by the way, you only saw her once, is that
16		correct?
17	A.	Yes.
18	Q.	Dr. Seitz has seen her probably eight or ten
19		times, is that correct?
20	· A.	I don't know how many times he has seen her.
21	Q	But when you saw her that one time in December
22		of 1992, you concentrated primarily on two
23	· · · ·	things, you did look at her neck but you
24		primarily concentrated on the wrist and also
25	la constantes	on the shoulder, is that a fair statement?

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1	A.	I concentrated on her areas of complaints,
2		correct, her wrist, shoulder and neck,
3	9	But she didn't complain about her neck when she
4		was in to see you in December of '92, did she?
5	А.	No, she said that
6	Ρ	That it had resolved itself?
7	А.	The symptoms, right, I was trying to determine
8		where her wrist symptoms might be coming from.
9	Q.	The two complaints that she brought to your
10		attention in December of '92 were the shoufder
11		and the wrist?
12	A.	Correct.
13	Q.	Let's talk about the shoulder first. I think it
14		was her right shoulder, right?
15	a	Yes.
16	Q.	And she is right handed, is she not3
17	A.	Yes.
18	Q.	And when you saw her she was still limited in the
19		use of her right shoulder, was she not?
20	A.	Yes.
21	8	She couldn't reach behind her back, for ex mple,
22		to buckle hew bra, could she?
23	A.	That's correct,
24	Q.	And she had difficulty waving her arm above
25		shoulder level, didn't she3

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1	A.	That was a complaint, not something that I
2	Q.	That is what she told you?
3	A.	Please don't interrupt, sir.
4	Q.	Well, doctor, did she tell you that she had
5		difficulty raising her arm above her shoulder?
6	A	Y e s.
7	Q.	Did she tell you that she couldn't carry a tray
8		at work?
9	А.	Yes.
10	Q.	Now, you didn't go to her work to observe her,
11		did yau?
12	А.	N o .
13	Q.	Do you have any reason to doubt that she could
14		not carry a tray at work with her right hand?
15	A.	No.
16	Q.	She also told you that her shoulder hurt during
17		the rainy days and during the snowy days, didn't
18		she?
19	k	Yes.
20	Q.	Do you have any reason to doubt her truthfulness
21		on that point?
22	A.	No.
23	Q.	And you did examine her, didn't you?
24	Α	Yes. You were there.
25	Q.	And you examined her for several minutes, and at

1 the end of the examination you concluded that $\mathbf{2}$ she was still symptomatic in that right shoulder, 3 didn't you? 4 At the end of my examination I^{--} A. 5 You took an x-ray? I'm sorry for interrupting, Q. 6 doctor. 7 Thank you. A. 8 I may have jumped the gun but you did order an Q. 9 x-ray before you concluded your opinions, is that 10 correct? That's correct. A. In all fairness, but when you got the x-ray and Q. you got the additional records, then you came to some conclusions and one of those conclusions was that she, as of December of 1992, was still 16 symptomatic, she still had symptoms in her right 17 shoulder? 18 She still had symptoms or complaints in her 19 right shoulder, absolutely. 20And now let's turn to the right wrist for the 21 moment. 22She told you in December of '92 that her 23right hand was continuing to fall asleep, didn't 24she? Yes. 25A.

1	Q.	And she said she had some numbness involved in the
2		fingers of her right hand, didn't she?
3	А.	Yes.
4	Q.	And when you examined her right hand and right
5		wrist, you gave her a pinprick test, didn't you?
6	A.	Yes.
7	Q.	And you learned through that pinprick test that
8		she didn't have the same sensation on the right
9		side in her right hand that she did on the left,
10		is that correct?
11	A.	That's correct.
12	Q.	And then you also did one of those Phalen's
13		tests that you described for Mr. Wantz?
14	А.	Correct,
15	Q.	And in fact her right wrist, that is, her right
16		hand, rather, tho three fingers on her right
17		hand went numb after only 20 seconds, is that
18		correct?
19	Α.	Correct.
20	Q.	That didn't happen w th her Left wrist, did it?
21	A.	That's correct.
22	Q	And that is an abnormal event, is it not?
23	A.	It is.
24	Q	And as a result of the history that she gave you,
25		as far as the right wrist was concerned, and as a
	1	

1		result of your physical examination, and
2		
3		whatever records you reviewed, you concluded
4		that she, and I'm quoting from your report now,
5		"She continues to have symptoms and findings
6	_	of carpal tunnel syndrome, " is that what you wrote?
7	A.	Correct.
8	Q.	Now, doctor, you spent sometime with the x-rays
9		talking about one of the shoulder problems that
		Dr. Seitz found. He found several, did he not?
10	A.	Two that I an aware of.
11	Q	Well, he found a constellation of problems in that
12		shoulder, is that a fair statement?
13	A.	No, I wouldn't call it a constellation, I don't
14		understand your question. I'm sorry,
15	Q.	Well, he did conclude that she suffered a type 2
16		AC separation, is that correct?
17	A.	That was his conclusion, yes.
18	Q.	He did that based on the x-rays that he ordered?
19	a	Correct.
20	Q.	And the x-rays that you reviewed?
21	A.	That's correct.
22	Q.	Now, doctor, can a type 2 AG separation improve
23		with time?
24	А.	Not that radiographic appearance of the type 2
25		AC separation.

1		
2	Q.	It cannot?
	А.	It cannot,
3	Q	That is your opinion?
4	А.	That's my opinion.
5	Q.	And is it also your opinion that it cannot
6		improve even though the architecture of the other
7		structures around it have been changed by
8		arthroscopic surgery and manipulation of that
9		surgery? I'm sorry. Manipulation of that
10		shoulder.
11	А.	I cannot answer that very broad question with a
12	114	
13	_	yes or no. You will have to be more specific.
14	Q.	Well, doctor, I'm going to come back to that.
		I would like to ask you a related question
15		if I can.
16	А.	Certainly.
17	e	At the outset of your testimony you said that when
18		Mary Anne Yarmesch came to see you in December
19		of 2992, which was almost three years well,
20		three months short of three years to the day of
21		her collision or her injury, her initial injury,
22		that she complained of pain in the, quotes,
23		"Superior aspect," using your words now, "Superior
24		aspect of her shoulder." Do you recall that
25		testimony, doctor? Do you recall your testimony?
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