In The Matter Of:

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

John P. Conomy, M.D., JD November 12, 2003

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Word Index included with this Min-U-Script®

Page 1		Page 2
[1] IN THE COURT OF COMMON PLEAS	11 APPEARANCES:	raye z
[2] SUMMIT COUNTY, OHIO	[2] Howard Mishkind, Esg.	
[3]	Becker & Mishkind	
KAREN L. ARMOUR, etc.,	[3] 660 Skylight Office Tower	
[4]	Cleveland, Ohio 44113	
Plaintiff.	[4] (216) 241-2600,	
[5] JUDGE COSGROVE	[5] On behalf of the Plaintiff;	
-vs- CASE NO. 2002-07-4063	[6] Phillip A. Kuri, Esq.	
[6]	Reminger & Reminger	
PATRICK A. RICH, D.O.,	[7] 200 Courtyard Square	
[7] et al.,	80 South Summit Street	
[8] Defendants.	[8] Akron, Ohio 44308	
[9]	(330) 375-1311,	
[10] Deposition of JOHN P. CONOMY, M.D., JD,	[9]	
t1] taken as if upon cross-examination before	On behalf of the Defendant.	
[12] M. Sheila Noce, a Registered Professional	[10] Patrick A. Rich, D.O.;	
[13] Reporter and Notary Public within and for the	[11] Peter Holdsworth, Esg.	
[14] State of Ohio, at the offices of John P. Conomy,	Bonezzi, Switzer, Murphy & Polito	
15] M.D., JD, 1730 West 25th Street, Cleveland, Ohio,	[12] 1400 Leader Building	
16] at 5:00 p.m. on Wednesday, November 12, 2003,	Cleveland, Ohio 44114	
[17] pursuant to notice and/or stipulations of	[13] (216) 875-2767,	
[18] counsel, on behalf of the Defendants in this	[14] On behalf of the Defendant,	
[19] cause.	Dr. Dean Rich.	
[20]	[15]	
[21] MEHLER & HAGESTROM	(16)	
Court Reporters	(17)	
[22]	[18]	
CLEVELAND AKRON	[19]	
[23] 1750 Midland Building 1015 Key Building	[20]	
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FAX 621.0050 FAX 535.0050	[23]	
[25] 800.822.0650 800.562.7100	[24]	
	[25]	

Page 3	Page
[1] WITNESSINDEX [2]	[1] Q : When you say many, are we in the hundreds yet?
PAGE	[2] A: Probably. How about you, have you done hundreds
[3]	[3] of these yet?
[4] CROSS-EXAMINATION	[4] Q : I have. I have.
JOHN P. CONOMY, M.D., JD	[5] A: Well, we're probably near even.
[5] BY MR. KURI	[6] Q : Now, I know you do work, you review cases for the
[6] CROSS-EXAMINATION	[7] defense and you review cases for plaintiffs.
JOHN P. CONOMY, M.D., JD	[8] What's your breakdown at this current time?
[7] BY MR. HOLDSWORTH	[9] A: It's surprisingly stable at about 50/50,
[8] EXHIBITINDEX	[10] Mr. Kuri, over the years. Actually, in terms of
[9]	[11] personal injury and my own patients, clearly it
10] EXHIBIT MARKED	[12] favors defense.
11]	[13] In recent years, something not so odd has
Defendant's Exhibits A and B 4	[14] happened, and that is that court appearances tend
12] Defendant's Exhibit C	[15] to increasingly favor plaintiffs. It has, I
Defendant's Exhibits	[16] think, a good deal to do with the nature of
13] D, E, F and G	[17] change in litigation. There's plenty written
15]	[18] about it.
16]	[19] One article that stuck in my mind in the ABA
17]	[20] Journal was called Disappearing Trial, and it has
18]	[21] to do with extrajudicial settlements for matters,
19]	[22] particularly medical malpractice.
20]	[23] Q : Okay. You have a juris doctorate, correct?
21]	[24] A : I do.
22] 23]	[25] Q: Do you keep up with that at all?
24]	
25]	Page (1) A: What do you mean by keep up?
Page 4	[2] Q: Well, let's start with, do you practice?
[1] JOHN P. CONOMY, MD, JD, of lawful age,	 [3] A: No, I'm not a lawyer. I hope never to be one.
[2] called by the Defendants for the purpose of	[4] Q : Do you keep up in terms of your education in
[3] cross-examination, as provided by the Rules of	[5] regards to matters of the legal community?
[4] Civil Procedure, being by me first duly sworn, as	[6] MR. MISHKIND: I'm going to object
[5] hereinafter certified, deposed and said as	[7] to the form of the question, but you can go
[6] follows:	[8] ahead, doctor, if you understand it.
[7] CROSS-EXAMINATION OF JOHN P. CONOMY, M.D., JD	[9] Are you talking about CLE courses?
[8] BY MR. KURI:	[10] Q: That could be one, or do you just keep up on your
[9]	[11] own, whether it's legal/medical matters or just
(Thereupon, Defendant's Exhibits A	[12] general legal matters?
ii) and B were marked for purposes of	[13] MR. MISHKIND: You can answer.
12] identification.)	[14] A: I do keep up, largely in the form of writing,
13]	[15] teaching, participation in seminars.
Q : Hi, doctor, my name is Phillip Kuri. We're here	[16] I do it because I'm interested in it and
is today to take your deposition regarding a case	[17] enjoy it.
 16] you've reviewed. I represent Dr. Patrick Rich in 17] this case. If you don't understand any of my 	[13] Q: It's probably a good time for this. I'll hand
17] this case. If you don't understand any of my 18] questions at any time, let me know and I'll	[19] you what has been marked as Defendant's Exhibit
19) repeat or rephrase the questions until you do	[19] you what has been marked as Detendant's Exhibit [20] B. If you will identify that for the record.
20] understand, is that fair?	
$\begin{array}{c} \textbf{A: Yes.} \end{array}$	[21] A: Yes, this is my curriculum vitae, and it has a [22] run date of January 2003.
Q: You've obviously been deposed before. Do you	
23] keep a running count of how many times you have	
24) been deposed?	[24] A: As of January 2003, yes.[25] Q: Is there anything off the top of your head that
25) A: No, I don't. It's many.	1201 SE LO LICLU ANVIANDE ON THE ROD OF VONE NEAU HIAF

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Page 7	Page 9
[1] you can think of that has occurred since then?	[1] touching upon this relationship, it's old and
[2] A: Lots of things have occurred since then. I'm not	^[2] well documented.
[3] sure I want to tell you about them.	[3] The man's name in Detroit is John Sterling,
[4] Q : That you would place on your CV?	[4] by the way, S-T-E-R-L-I-N-G, Meyer, M-E-Y-E-R.
[5] A: Committee assignments, publications and lectures,	[5] Q: John Sterling-Meyer was his full name?
[6] but pretty much the same.	[6] A: Yes, he was British and preferred to have a
\mathbf{Q} : Anything that would be related to the issues in	[7] hyphenated last name, like Holdsworth.
[8] this review?	[8] Q : Other than those names that you just mentioned,
[9] A: I think not.	[9] can you be more specific with citations or actual
[10] Q : While we're talking about your CV, is there any	[10] names of publications?
[11] article or periodical that you've authored that	[11] A: No, but if you know those names and find your way
[12] would be germane to the issues in this case,	[12] to a medical library, you'll have the truth
[13] whether it be a PE or stroke related to a PE?	[13] revealed unto you.
[14] A: I think relevancy resides in the eye and mind of	[14] MR. MISHKIND: Phil, when you
[15] the beholder. About 25 percent of the articles,	[15] refer to citations, are you referring to
[16] books and book chapters are related one way or	[16] books or articles?
[17] another to the issue of stroke. I'm sure that	[17] MR. KURI: Everything.
[18] many have at least a tangential relationship to	[18] A : If you find the books, there will be hundreds of
[19] this case, because many of them deal with the	[19] references to journal articles. It's not hard to
[20] relationship between blood pressure and brain	[20] do at all.
[21] activity and brain blood flow.	[21] Q : Have you done so in this case? Have you done any
[22] So do they have some relationship? Yes. Are	[22] medical research at all into the issues in this
[23] they particularly and specifically related to a	[23] case?
[24] close fit with all of the clinical aspects of the	[24] A: It would be medical research for legal purposes
[25] problems faced by Mrs. Speicher? I don't think	[25] were I to have done so, but this is not an arcane
Page 8	Page 10
[1] that they're absolutely on point, but related,	[1] subject. I think I would rely on what I
[2] yes, they are.	[2] generally know and use in the course of a
[3] Q : Are there any articles that are kind of on point	[3] workday.
[4] with the facts of this case, a PE which	[4] Q : Okay. Other than the names that you just
約 precipitates a stroke?	5 provided me as potential authors of articles or
[6] A: I don't believe so.	[6] textbooks or some type of periodicals, can you
Q: Have you ever read any articles where a PE	[7] think of any more as we sit here today?
[8] precipitated a stroke?	[8] A: No, but if I do, I'll be happy to let you know.
[9] A: Yes, I have.	[9] Q : I appreciate that. What percentage of your
[10] Q : What articles are those?	[10] practice would you say deals with the care and
[11] A : Well, there is, and I'm recalling here without	[11] management of stroke patients, CVAs?
[12] specific citations for you, but pulmonary embolus	[12] A: Roughly a quarter.
[13] leading to systemic hypotension leading to stroke	[13] Q : Let's just briefly go over the types of strokes
[14] I think has been addressed by some experts in a	[14] or CVAs that exist in general. How many ways can
[15] publication of one or another learned treatises.	[15] you have a stroke?
[16] They tend to aggregate in textbooks of	[16] A: Well, you can have it one way, and that is the
[17] stroke. I think that Louis, L-O-U-I-S, Caplan,	[17] interference of the blood supply, one way or
[18] with a C, has written about this. James Toole,	[18] another an artery or vein, in the restricted area
[19] with a T-O-O-L-E has written about it very early	[19] of the brain that leads to a permanent
[20] on, preceding even your embryonic era, Mr. Kuri.	[20] destruction of brain tissue.
[21] A man at Wayne State University, and I'll think	[21] Q : Is that something that's more focal? Is that
[22] of his name as time goes on here, wrote about	[22] what you're discussing?
[23] this subject.	[23] A: I would discuss whatever you would want to ask
[24] But again, in any anthology of stroke, that	[24] me.
[25] is textbook of stroke, stroke publications	[25] Q : I'm asking you what you meant by a restricted

Page 1	1 Page 1:
[1] area.	[1] She did not dissect her cerebral area, for
[2] A: Well, it is focal in that sense. Strokes occur	[2] instance; she was not in a wrestling match; she
[3] in circumscribed areas of the brain. That's part	[3] wasn't in a wreck; she didn't have her hair
[4] of the definition of stroke.	[4] washed backwards over a sink. She didn't take
[5] Q : That's one way a stroke occurs, how else?	[5] birth control pills and on and on.
[6] A: Tell me what you mean.	[6] Q : I think you're being more specific than what I'm
[7] Q : Sure. There are certain types of events which	[7] trying to get at.
[8] precipitate a stroke, correct?	$\begin{array}{c} \text{(a)} \textbf{A: Tell me.} \end{array}$
[9] A: Yes.	Q: The overall process in which a stroke can occur,
10] Q: What are those things?	[10] whether it be embolic or whatever, it's my
A: Well, occlusion of a cerebral vein or artery.	[11] understanding there are probably about three or
12] I'm going to get rid of the issue of cerebral	[12] four general types of ways which a stroke can
13) veins, which are 50 percent, so that will	[12] John general types of ways which a stoke can
14] truncate our discussions, but in situ	-
15] obstructions, that is thrombosis or embolization,	[14] A : You may be correct. I don't know. Why don't you
16] that is probably in one place that moves to	[15] continue to instruct me. There are lots of ways
17] someplace else.	[16] a stroke can be generated, but in the end, the
18] Now, the source of that embolization can be	[17] death of a restricted portion of brain tissue
19] of the heart, any of its chambers, any appendages	[18] from the distribution of the cerebral artery of
or valves and any of the conduits leading from	[19] the brain is what happens. There are hundreds of
21) the heart to anywhere in the brain. That is the	[20] ways of getting to that.
22) system of arteries that go there.	[21] Q : I got you. Can you describe what Health Systems
	[22] Design, Inc. is?
 I hose occlusions can be single or multiple. 24] They tend more often than not to be single, and 	[23] A: Yeah. It is a corporation of which I am the
²⁵ in their wake, should the occlusion be sufficient	[24] president, the only effective working member, and
	[25] which forms a convenience and provides
Page 1	
[1] and the time of occlusion be sufficient and	[1] orderliness in my life.
[2] unrelieved, death of brain tissue, either in a	[2] It deals with a number of things I do that
[3] bland way without the presence of hemorrhage or	3 call upon medicine but are not the practice of
[4] with hemorrhage can occur. Those are the common	[4] medicine, including my testimony here today.
[5] ways stroke occurs.	[5] Q : What other types of things are involved?
[6] Arteries themselves can also be the site of	[6] A: It involves a variety of consultative work with a
7) primary diseases. Inflammatory conditions, for	ז variety of institutions, medical, organizational,
[8] instance, of the artery, degenerative conditions	[8] governmental, inside and outside the United
9 of the arterial wall are examples of such. Those	[9] States. It involves lecturing, it involves
10] don't pertain to Mrs. Speicher.	[10] seminar performance and preparation.
Q: What you're talking about here does not involve a	[11] Q: Okay.
12] stenotic condition?	[12] A: It involves many of the things that I do.
A: What I'm talking about here and what we will talk	[13] Q : You have prepared a report dated June 14th, 2003,
14] about here eventually, that is her stroke, does	[14] correct?
15] involve a stenotic condition in my opinion.	[15] A: I have.
Q: Does what you just described before, the arteries	[16] Q : And I'll hand you what has been marked as
17] and the diseases of that type being a less common	[17] Defendant's Exhibit A. Is that a copy of the
18] avenue for a stroke, does that involve a stenotic	[18] report you prepared in this case?
19] process?	[19] A: Yes, it is.
A: No, stenotic processes are common in the	[20] Q : Did you prepare any other reports?
21] production of stroke.	[21] A: No. This is the only report I prepared.
Q: Okay. Are there any other ways to have a stroke?	[22] Q : This is probably the best time to quickly go
23] Have we exhausted all of —	(23) through what it is that you reviewed and what you
 Have we exhausted all of — A: No, we have hardly exhausted anything yet. I 	[23] through what it is that you reviewed and what you [24] have in front of you.

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[1] may.	[1] in the form of sending one or another of the
[2] The report that you've showed me is a report	[2] records or depositions that I've just mentioned
[3] that I authored which lists a number of things	[3] to you, dated February 13th, April 14th, March
[4] that were in my possession at the time that	[4] 19th, July 24th and this week, 2003.
[5] report was written. That includes the records of	[5] Q : What, just from looking at the correspondence,
[6] Drs. Patrick and Dean Rich, the records of a	[6] can you tell about when you were first contacted
[7] Barberton Hospital, the records of the Akron	[7] to review this case?
[8] General Hospital, a deposition of Dr. Patrick	[8] A: It must have been shortly before September 27th,
9 Rich and subsequently, finally, I did receive a	 (9) 2002. The usual latency between receiving
[10] deposition of Dr. Dean Rich. The death	[10] records and agreeing to receive a case is very
[11] certificate was enclosed with the records I	[11] frequently very short. Not as short as the time
[12] received and the brain imaging studies, which I	[12] it takes a Pakistani cab driver to blow his horn
[13] have here with me.	[13] in Manhattan after the light turns yellow.
[14] Now, Mr. Kuri, since then, I have received	- ·
[15] some other things, some of them very recently. I	[14] Q : I got you. The September 2002 date would be
[16] received a report, and by recent I mean within	(15) approximately when you would have been first
[17] the last few days, a report from Dr. Bruce	[16] contacted or maybe shortly before that?
[18] Ammerman done at your request. I mentioned the	[17] A: I would say it must be very near September 20th
[19] deposition of Dr. Dean Rich, a report from	[18] or 25th.
[20] Dr. Ronald Bacik addressed to Mr. Howard	[19] Q : Have you been retained by the law firm of
[21] Mishkind, another to Dr. Howard Mishkind.	[20] Becker & Mishkind or anybody there prior to this
[22] MR. MISHKIND: Dr. Howard	[21] Case?
[23] Mishkind?	[22] A: Yes, I have.
[24] A : It ought be. To Mr. Howard Mishkind from	[23] Q : About how many times?
[25] Dr. Mark Bibler. And that's —	[24] A: Probably two or three times. I'm not certain.
	[25] I've never testified for — I don't know if I've
	Page 16 Page 18
[1] MR. MISHKIND: I think you also	(1) testified for Mr. Mishkind. I don't recall that
[2] have two other defense reports in the stack	[2] I did, but I've probably given a deposition or
[3] in there.	[3] two for him, and for others in his office,
[4] A : I do. Dr. Lawrence Martin. I'm not sure just	[4] probably the same number of times over the years.
[5] when I received that, but I do have that report	[5] Now, over the years is over more than, much more
[6] as well. [7] MR. MISHKIND: Just in fairness, I	[6] than a decade. I became acquainted with
•	[7] Mr. Mishkind when he was working with the firm of
[8] think Dr. Herwig's report is in there also.	[8] Fred Weisman Associates.
[9] A: It is.	[9] Q : When you say testified, that would have meant
[10] Q : Could you just list off the dates of the	[10] deposition or trial?
[11] correspondence that you have received from	[11] A: Correct.
[12] somebody in plaintiff's counsel's office. I	[12] Q : Do you know how many times you've reviewed cases
[13] don't think all of them are from Mr. Mishkind.	[13] for the law firm of Becker & Mishkind?
[14] A : Yeah. Again, I may or may not have all of them.	(···, ·································
[15] I tend not to keep them all. The earliest I have	[15] times in the course of a decade. I don't
[16] is September 27th, 2002. That's from Mary Ellen	[16] remember the cases specifically, I'm sorry. One
[17] Sansbury and from Jean Tosti of the Becker &	[17] recent case I do, but that's the only one.
[18] Mishkind office thanking me for agreeing to	[18] Q: Now is probably a good time to ask you, have you
[19] review the medical records.	[19] ever reviewed a case with similar facts as this?
[20] So apparently this was preceded by a phone	[20] A: With similar facts as this?
[21] call. I have no recall of that day. They	[21] Q: Yes .
[22] generally come in the course of the workday, and	[22] A: Hypotension related to stroke in an ill woman
[23] I don't keep a record of them, but it must have	[23] with a cardiac arrest, sure, and again, that is a
[24] been around that time.	[24] common scenario, and I can't tell you how many
[25] There is additional correspondence, generally	[25] times. I would guess a dozen, but there may be
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9 Page 21
[1] Q : Is it your plan to opine on standard of care in
[2] this case?
[3] A: It depends on whether it's planned to be asked of
[4] me.
[5] Q : Do you have any opinions in this case regarding
[6] the standard of care?
[7] A: I don't mean to be evasive or cute in any way,
[8] Mr. Kuri. Talking about causation, it's
[9] intertwined somehow with an inference of standard
[10] of care, number one.
[11] Q: Let me —
[12] A: Secondly —
[13] Q : I'm sorry. I didn't mean to cut you off.
[14] A: I kind of talk too much, forgive me. Pulmonary
[15] embolus is a common disorder. Everybody knows
[16] about it. So you know, you don't have to be an
[17] expert of the lung to know about this. It is a
[18] common situation. So having said that, I'll stop
(19) talking.
[20] Q : Do you plan at the trial of this case to testify
[21] that either doctor, Dr. Dean Rich or Pat Rich
[22] deviated from their standard of care in the care
[23] of the patient?
[24] MR. MISHKIND: Let me interject,
[25] before you ask him, and certainly you can
Page 22
[1] ask him. I'm not necessarily sure you're
[2] going to like what he has to say, but I
[3] think in his report, I've asked him to
[4] comment only on the issue of proximate
[5] cause, but I'm not going to prevent you
[6] from asking him questions.
[7] MR. KURI: Let's make this easy.
[8] MR. MISHKIND: Sure.
[9] MR. KURI: Are you going to ask
[10] him questions regarding opinions of the
[11] standard of care of either Dr. Rich in this
[12] case?
[13] MR. MISHKIND: I wasn't planning
[14] on it. If you're going to ask him
[15] questions on an area that his report is
[16] pretty clear that he was only asked to
[17] comment on issues of proximate cause, I do
[18] not as I sit here right now, Phil, in all
[19] fairness, and I'm not trying to play games
[20] with you, but I asked Dr. Conomy, a
[21] neurologist, to look at this case from the
[22] standpoint of causation between the PE and
[22] standpoint of causation between the PE and

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Page 23	Page 25
[1] I will tell you that he does have	[1] pain in her joints and ringing in the ears and so
[2] opinions, just in discussing the matter	[2] forth and so on. I think the occasion of casual
 [3] with him, on the issue of standard of care, [4] but I do not intend to ask him, and I think 	[3] sinus trouble —
	[4] Q : What about —
[5] the report does not touch on that. So	[5] A: — but no major disease, cancer or prior stroke
[6] under those circumstances, I think I	[6] or the like that would have been a clear signal
7 probably would be precluded unless you open	[7] to offer you a number diminished from ten years.
(a) the door.	[8] Q : Sorry. I apologize for talking over you.
^[9] MR. KURI: My point was, is there	9 Sometimes I feel you're done.
[10] going to be a change in what was in the	[10] A: Well, when I see you want to talk, I keep
[11] report? In essence, I don't want to spend	[11] talking.
[12] another hour here talking about standard of	^[12] Q : You do that on purpose.
[13] care if we don't have to.	[13] A: Yes.
[14] MR. MISHKIND: I do not intend to	[14] Q : What about the presence of stenotic
[15] ask the doctor standard of care questions.	[15] cerebrovascular disease, would that reduce her
[16] I expect to ask questions on proximate	[16] life expectancy at all other than the normal ten
[17] cause issues and damage and causation, and	[17] years you would expect from a relatively healthy
[18] we obviously have other experts.	[18] 77-year-old?
[19] MR. KURI: You said there were	[19] A: No, it wouldn't. Her stenotic cerebrovascular
[20] opinions potentially regarding life	[20] disease became symptomatic only under
[21] expectancy?	[21] circumstances of severe and sustained systemic
[22] MR. MISHKIND: Yes.	[22] hypotension. There's no reason to think that
[23] MR. KURI: I did not see that in	[23] would have happened. And furthermore, that
[24] the report, but you do plan to ask those	[24] degree of atherosclerotic disease, which it is
[25] questions.	[25] basically, is not likely to become symptomatic
Page 24	Page 26
[1] MR. MISHKIND: I do.	[1] until it becomes severe. There is no reason to
[2] Q : Let's get that out of the way. Do you have any	[2] think that would have happened.
^[3] opinions regarding Jean Speicher's life	[3] Q : What can you point to in her medical chart or
[4] expectancy?	[4] history that would indicate the level of the
[5] A: Yes.	[5] stenotic cerebrovascular disease that you believe
[6] Q : What are those?	[6] she had?
[7] A: Well, she's 77, and was robust. She had an	[7] A: None prior to the development of a very large
[8] illness, when it was localized to her leg, that	[8] cerebral infarction in the course of her systemic
[9] was eminently treatable. I don't know any reason	in hypotension. That's how it was found out.
[10] outside of the evolving nature of her shortly	[10] Q : Then how can you opine as to whether it was
[11] fatal illness that would have kept her from	[11] severe as opposed to relatively benign?
[12] living those years a woman of 77 would ordinarily	[12] A: Good question. It wasn't severe, because it
[13] live, which is another ten years.	[13] would not be likely to produce any flow
[14] Q : All right. Can you be more specific about your	[14] impairment until the degree of stenosis exceeded
[15] basis as to why it would be ten more years?	[15] 70 percent under the circumstances of normal
[16] A : That's the life table projection of a 77-year-old	[16] profusion pressure, which she didn't have.
[17] basically healthy person, realizing that nobody	[17] Lesser degrees of stenosis, even so-called
[18] 77 is perfectly healthy. That's just an	[18] mild or benign degrees of stenosis become
[19] inference based on averaging.	[19] symptomatic only when profusion pressure falls to
[20] Q : Well, to follow up on the fact that she was	[20] a very low level and is sustained there, as hers
[21] basically healthy, what was her previous health	[21] Was.
[22] condition?	[22] Q : Is there anything from her records, her testing,
[23] A : Nothing terrible. She had diverticulitis, she	[23] on review of the CT scan that shows conclusively
[24] suffered obstipation, she had dizziness from time	[24] that she had cerebrovascular disease?
[25] to time, she had a number of benign complaints,	[25] A: Conclusively is a key word. It would have taken

^[25] A: Conclusively is a key word. It would have taken

Page	27 Page
[1] an autopsy and microscope to be conclusive.	[1] Q : Up to what point, I'm sorry?
[2] Highly probable based on the distribution of her	[2] A: Up to the point I'm drawing. Stick with me.
[3] stroke at the time she was hypotensive. It	[3] Leave your yellow pad and join mine.
[4] didn't happen every place, it happened in a	[4] Now, this is open to this point, and she has
[5] specific place, and it happened in a specific	[5] no stroke or stroke-like symptoms under
[6] place because flow in that specific place was	[6] conditions where her mean arterial pressures are
[7] reduced to a critical level in contrast to the	[7] of an average or normal variety, okay.
[8] rest of the brain.	[8] Q: Can I stop you?
^[9] Now, the usual cause for that, and	[9] A: Sure.
oj particularly in an elderly person is focal	[10] Q : While you're answering that, what would be the
is stenotic disease. That gets back to all of those	[11] mean or average variety?
2] articles you tweaked me about in your opening	[12] A: Let's say her perfusion pressures in these
barrage.	[13] arteries is something between 70 and 100
Q : Let's take a step back and talk really generally	[14] millimeters of mercury. Okay. That is taking
5] about how this process occurred in Jean Speicher.	[15] her high number on the blood pressure and low
A: Which process are we talking about?	[16] number and adding them up and dividing by two to
7] Q : The ultimate end that a stroke occurred. Let's	[17] get mean pressure, okay.
B take it from beginning to end. She comes to	
9 Akron General, she's diagnosed with a PE, I'm	[18] So between those numbers, she's not having
20 going to let you take it from there, and I'm	[19] any trouble at all. Now, if you're dealing with
asking for a long-winded answer as step-by-step	[20] a degree of noncritical stenosis with these
22] as to how the process worked which ended up with	[21] pressures, there is no announcement clinically
a focal CVA?	[22] that anything goes wrong. But if the mean
	[23] arterial pressures drop, and hers dropped at one
A: What I'm going to draw for you, Mr. Kuri, is the left side of her brain, okay, this is a cartoon.	[24] point to nearly nothing, yes.
	[25] Q: Let's —
Page	
(1) We'll look at the carotid arteries coming up	[1] A: No, not let's. I don't want to be selling you
[2] forming a siphon, and then the middle cerebral	[2] something here.
[3] artery, and I'm going to draw a straight line	[3] Q : Okay. Which pressures are you talking about?
[4] here. I know that she had Doppler studies of her	[4] A: Mean arterial pressures. I'm now looking at Page
s extracranial circulation at the Barberton	[5] 149 of document Number 40, exhibit whatever if
[6] Hospital in January, and that there was no	[6] you would like it. And here at a time in the
7] critical stenosis.	[7] course of this mayhem of cardiac arrest and
(B) Q : January of what year?	[8] ventricular fibrillation and multiple drugs and
A: The year she died, '03, was that it?	9 on and on, her mean arterial pressures, I don't
oj MR. MISHKIND: No, I think she	[10] know if it's unrecordable or nearly unrecordable,
n died in '01.	[11] but it's less than 20 torr.
2] A: Well, it was that year.	[12] Q: At what time?
3) MR. MISHKIND: I'm not sure if it	[13] A: Sometime around 1:30, 2:00 in the morning. Now
a mag 200 on 201 in the Donales	[14] this is not, this strip isn't dated, but it would
4) was oo or or in the Doppier.	and he are been there are only There have a desired and
5) Q : Why don't we double-check that.	[15] be on here. I'm not sure. They have a printout
 Q: Why don't we double-check that. A: She died in '01, so it would be '00 at the 	[16] date, but this is 2/6, looks like 2/6 at 2:00.
 Q: Why don't we double-check that. A: She died in '01, so it would be '00 at the 	
 Q: Why don't we double-check that. A: She died in '01, so it would be '00 at the Barberton Hospital. It would be — pardon me. 	[16] date, but this is 2/6, looks like 2/6 at 2:00.
 Q: Why don't we double-check that. A: She died in '01, so it would be '00 at the Barberton Hospital. It would be — pardon me. It would be January 25th of '01 or a time around 	 [16] date, but this is 2/6, looks like 2/6 at 2:00. [17] You agree? [18] Q: 2:00 in the morning?
 G: Why don't we double-check that. A: She died in '01, so it would be '00 at the Barberton Hospital. It would be — pardon me. It would be January 25th of '01 or a time around there, and it's in the tabbed portion of the 	 [16] date, but this is 2/6, looks like 2/6 at 2:00. [17] You agree? [18] Q: 2:00 in the morning? [19] A: Yes, these are military times.
 Q: Why don't we double-check that. A: She died in '01, so it would be '00 at the Barberton Hospital. It would be — pardon me. It would be January 25th of '01 or a time around there, and it's in the tabbed portion of the chart called Echo, or at some point. 	 [16] date, but this is 2/6, looks like 2/6 at 2:00. [17] You agree? [18] Q: 2:00 in the morning? [19] A: Yes, these are military times. [20] Q: It's hard for me to see.
 Q: Why don't we double-check that. A: She died in '01, so it would be '00 at the Barberton Hospital. It would be — pardon me. It would be January 25th of '01 or a time around there, and it's in the tabbed portion of the chart called Echo, or at some point. Q: Got you. 	 [16] date, but this is 2/6, looks like 2/6 at 2:00. [17] You agree? [18] Q: 2:00 in the morning? [19] A: Yes, these are military times. [20] Q: It's hard for me to see. [21] A: Okay.Again, I don't want to be —
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 Q: Why don't we double-check that. A: She died in '01, so it would be '00 at the Barberton Hospital. It would be — pardon me. It would be January 25th of '01 or a time around there, and it's in the tabbed portion of the chart called Echo, or at some point. Q: Got you. 	 [16] date, but this is 2/6, looks like 2/6 at 2:00. [17] You agree? [18] Q: 2:00 in the morning? [19] A: Yes, these are military times. [20] Q: It's hard for me to see. [21] A: Okay.Again, I don't want to be —

1	Page 33
[1] will continue to flow normally, but with a	•
[2] stenosis that is even less than 70 percent, call	
[3] it 50 percent, blood flow becomes reduced and	
[4] infarction occurs downstream.	
[5] Now, downstream here is in the distribution	
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	Page 34
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[20] was marked for purposes of identification.)	
[20] was marked for purposes of identification.) [21]	
 [20] was marked for purposes of identification.) [21] [22] Q: I'll hand you back what has been marked as 	
[20] was marked for purposes of identification.) [21]	
	 [2] stenosis that is even less than 70 percent, call [3] it 50 percent, blood flow becomes reduced and [4] infarction occurs downstream.

[25] just done and what's on there.

[25] say at a perfusion pressure of 60 or 40, blood

	Page 35		age 37
[1]		[1] A: Yes. It's like, you know, looking at a crater in	age e,
[2]	brain that represents an impairment, focal	[2] Bagdad and wondering how it got there.	
[3]	impairment of blood flow at the origin of her	[3] Q : Are there any other possible avenues, medical	
[4]	left middle cerebral artery. It will correlate,	[4] conditions, ways in which a stroke could have	
[5]	but in a different plane, than what we may get to	[5] occurred in this patient?	
[6]	see in her imaging studies.	[6] MR. MISHKIND: Objection to the	
[7]	Q: Would it be a fair statement to say that because	[7] form of the question in terms of	
[8]	she had a focal CVA, that she only had one area	[8] possibilities, calls for speculation, but	
	of stenosis?	9 go ahead.	
[10]	A: First of all, all CVA is focal in the sense that	[10] A : There are literally thousands of possibilities,	
[11]	we're talking about. So let's get rid of that	[11] and again, I don't want to be cute or facetious.	
	part. It doesn't tell us this is the only region	[12] She did not get struck in the head by lightning	
	of focal stenosis. It's the only one infarcted.	[13] and so on. Under this fact pattern, I think that	
	She had a distribution.	[14] all of those considerations become very highly	
[15]		[15] improbable.	
	the main artery, if you will. This is to the	[16] Just let me mention a couple of things, not	
	brain what Interstate 77 is to Akron in terms of	[17] that I think it occurred, but that are more	
	blood flow or traffic flow from Cleveland. It is	[18] probable than this whole universe of	
	the main artery that will serve the blood supply	[19] possibilities.	
	of two thirds of one half of the cerebral	[20] Q: Sure.	
[21]	hemisphere.	A: Might she have had a hole in her heart in the	
[22]	Q: Okay. Could you list for me every medical fact	[22] wall that divides either the right ventricle from	
[23]	that you can pull up from the record or whether	[23] the left or the right atrium from the left? A	
	reviewing the films that she had stenotic	[24] patent foramen ovale, a defect that had caused a	
	cerebrovascular disease?	[25] blood clot in her leg to somehow get into her	
	Page 36		age 38
[1]	من به من	[1] brain.	age oo
	disease becomes huge when a brain infarction is	[2] Think of it. It's a paradox, isn't it? Yes,	
	suffered under the condition of systemic	(3) it is. Say yes, it is, if I'm answering the	
	hypotension. And that's what she had. There	[4] question.	
	aren't every single fact. That is the fact.	5 They're called paradoxical emboli because	
[6]	Q: So based upon the result, you're stating that's	[6] something that should get into the right heart,	
[7]	why you believe she had to have some type of	7) or into the circulation, lung circulation, winds	
[8]	stenotic process?	[8] up in the brain.	
[9]	MR. MISHKIND: Objection.	[9] Now, it does that under conditions of atrial	
[10]	Q : You're working backwards in order to assume that	[10] and ventricular septal defects and is called	
[11]	she had a stenotic process based upon the result,	[11] paradoxical embolization. It's a way of a blood	
[12]	correct?	[12] clot say in the vein of the pelvis or femoral	
[13]	MR. MISHKIND: Objection.	[13] vein or somewhere in the leg getting into the	
[14]	A: Not only correct, it's the only way to work.	[14] brain by finding a secret passage, if you will,	
[15]	Q: Well, there are certain studies that would show	[15] and then causing the stroke.	
[16]	that if she were to have them beforehand,	[16] I don't see it very often. I've seen it	
[17]	correct?	[17] twice in the last month, but it's probably going	
[18]	A: But she didn't, did she?	[18] to be your next birthday before I see another one	
[19]	Q: I'm just asking.	[19] of those again.	
[20]	A: She did not have them.	[20] That didn't happen to her because there is no	
	Q : The only way that you're coming to this	[21] demonstration of a hole in her heart by reliable	
[21]	conclusion is you're taking the result and	[22] studies, again, previously done in a January	
[21] [22]	conclusion is you're taking the result and		
		[23] hospitalization that looked at certain functions	
[22]			

8 a.

Page 39		Page 41
[1] A: Hold on. So she didn't have that. She had	[1] artery thrombosis?	
[2] cardiac arrhythmias, a wobbling of the heart, if	[2] MR. MISHKIND: Objection to the	
[3] you will, shimmering, and ventricular	[3] form of the question. Calls for	
[4] fibrillation in the course of this. People whose	[4] speculation. Go ahead.	
[5] hearts shimmer and shake develop blood clots in	[5] A: No.Again, I want to get back to the point.	
[6] the heart that find their way to the brain.	[6] This condition is the product of cerebral artery	
[7] However, that's very unlikely, because that	I thrombotic disease. Now, if by thrombosis you	
[8] condition didn't last very long before she died	[8] mean complete, sudden and de novo occlusion of	
[9] and usually requires some time with an ongoing	9 the cerebral artery from God knows what cause,	
[10] arrythmia, 48 hours or more, generally much more	[10] that's not my opinion.	
[11] before the clot will form in the brain.	[11] Q: Okay. For my own understanding, would this	
[12] So those are more reasonable speculations,	[12] include some type of break off of say plaque or	
[13] possibilities than what actually happened to her,	[13] something along those lines?	
[14] but they didn't.	[14] A: Good thinking. That's an excellent question. I	
[15] The most highly probable cause of what	[15] don't think she had artery to artery embolus.	
[16] happened to her is focal stenosis combined with	[16] That is the piece of junk that breaks off from	
[17] the systemic hypotension that produced the big	[17] the known plaque in the carotid artery, for which	
[18] brain infarct.	[18] there was no demonstration by the way, that	
[19] Q : All right. This is as good a time as any to ask	[19] traveled upstream and got stuck at the point that	
[20] you the possibility of Dr. Ammerman's belief that	[20] I've made the narrowed segment here.	
[21] the CVA was secondary to a middle cerebral artery	[21] I don't think that that happened because of	
[22] thrombosis.	[22] the lack of demonstration of disease in the	
[23] A: I don't wish to speak for Dr. Ammerman. She had	[23] carotid artery at that point close in time to	
[24] thrombotic disease. That's what produces	[24] this event. So while it's a good thought,	
[25] stenosis. We're talking about hardening of the	[25] there's no evidence for it, Number 1. Number 2,	
	[as a set of the state of the set of the se	
Page 40		Page 42
		Page 42
Page 40	[1] it's not necessary to invoke it.	Page 42
Page 40 [1] arterics, Mr. Kuri.	 [1] it's not necessary to invoke it. [2] Q: What's not necessary to invoke it? 	Page 42
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Page 43	Page 45
[1] Q: Let's remove the stenosis. Could this have	[1] A: I'm going to purposely subvert your question, but
[2] possibly happened?	[2] only slightly.
[3] A: Possibly anything can happen. Is it likely to?	[3] Q : Okay. Let's not use that same piece of paper.
[4] No. What is likely to happen under the	[4] A: Okay. This particular rendering is going to be
[5] circumstances that you've raised is watershed	[5] to Phillip Kuri. One or two Ls in Phillip?
[6] infarction on both sides of the brain, or global	[6] Q : Two.
[7] cerebral ischemia, in which the whole brain	A: And it's going to be entitled Brain Blood Flow
[8] becomes anoxic kind of at once. There is no	^[8] autoregulation. The brain has an extraordinary
9 focality to that. These are general conditions	[9] capacity to protect itself over a wide range of
[10] of brain injury under circumstances of systemic	[10] blood pressures, so it gets to be the hog. The
[11] hypotension. They're the kinds of things in	[11] brain is the hog in terms of the acquisition of
[12] young children who drown, for instance.	[12] blood flow.
[13] Q: Okay, Let's assume the watershed event. Is it	[13] As you sit here listening to me going to
(14) the lack of oxygen perfusion in the blood that	[14] medical school this afternoon, one out of every
[15] would cause the watershed event?	[15] five drops of blood that pumps from your heart
[16] A: It can be oxygen, but it's usually general	[16] goes to your brain. As you go home and watch the
[17] circulatory failure. It's not just oxygen, it's	(17) Browns' coach explain away again another
[18] oxygen, glucose and blood flow all at once.	[18] insulting loss, you still get one out of five
[19] Q : Why in this case then did the watershed event not	[19] drops. You go to sleep tonight, take care of
[20] occur before the focal event?	[20] your children, kiss your wife, it still gets one
[21] A: Because the focal event will take precedence	[21] out of five drops of blood flow. If you have
[22] because of its lower threshold of achievement.	[22] little children, theirs gets even more; one out
[23] It's more likely to occur before these global	[23] of two, not one out of five, and it will do that
[24] situations occur because of the stenosis	[24] whether your blood pressure is raised because of
[25] involved.	[25] the tasks performed.
Page 44	
(1) Q : I know I've touched on this with you before, but	[1] So if you look at what happens in terms of
[2] just so we're certain, can you give me the time	[2] brain blood flow, which is exactly 55 milliliters
ja period based upon your review of the chart of	3 of blood per 100 grams of brain tissue in your
[4] when the CVA must have occurred? Can you give me	[4] brain; healthy, thoughtful person you are.
[5] the beginning to end as opposed to saying it	[5] Now, as your blood pressure fluctuates, this
[6] occurred at this specific time?	[6] number will be maintained within a wide range.
7 MR. MISHKIND: Objection.	[7] So that if you look at blood pressures down here
[8] A: No, these events were set in motion sometime	[8] around 0, and off the other end, I'm talking
(9) around 11:00, 11:15 on the night of the 5th, I	9 about mean arterial pressures up here of 200. So
[10] believe. She was really quite unresponsive	[10] to take the blood pressure, if you would, of 250
[11] through that time. I would say that, you know,	[11] over 150 up in this range to produce the mean
[12] it occurred before 3:00 in the morning.	[12] arterial pressure here, and for 0 it's going to
[13] This episode of severe and sustained	[13] be 0 over 0, that's the only possibility.
[14] hypotension in terms of the acquisition of brain	[14] Within the mean and two standard deviations
[15] infarction becomes probable, but could it have	[15] of this, brain blood flow will be maintained in
[16] happened before that? Sure, it could have.	[16] about this range, and this is something around 45
[17] We just don't have the kind of observations	[17] and this is around 65 milliliters per 100 grams
[18] that would have been more probative. That's not	[18] per minute.
[19] a criticism. There's a lot going on, and her	[19] Let's forget about the higher end of the
[20] circulation failing, her heart is failing, she's	[20] curve because we're not talking about severe
[21] flipping emboli, bad stuff.	[21] hypertension. We're only talking about the lower
[22] Q: Okay. Let's get on paper what you believe, or	[22] end. Once mean arterial blood pressure falls
[23] what the medical community believes is the	[23] below about 40 torr and lower, 40, 20, 10 and 0,
[24] general range of what you would consider	[24] it does this. This is global flow.

Now, this is flow measured everywhere. We're

[25] hypotension, and take a patient such as her.

Page 4	7 Page
11 not talking about stenotic arteries. Stenotic	[1] paralysed.
[2] arteries are going to shift this curve to the	[2] Q: Is it more common or maybe not common at all, but
[3] right, and the flow will fall sooner because of	[3] is it more common to have a left-sided CVA in the
[4] the presence of stenosis.	[4] presence of hypotension, or is it more common to
[5] Why that influence, because the flow is	[5] have a right-sided CVA?
[6] related to the inverse of the 4th power and the	[6] A: Under these conditions, it's random. It simply
7] radius of those vessels. That's Bernoulli's	7] depends on where the stenosis is critical or
[8] principle. Here a small reduction under these	[8] worse. There's a number of other factors, but
^[9] conditions of pressure is going to have a great	(9) there's no preference on the part of the brain to
[10] influence on the nature of blood flow. So this	[10] where it will infarct.
[11] is the right shift that would occur under the	[11] Q: Is the right side of the brain perfused before
[12] circumstances of stenosis.	[12] the left side of the brain from the cerebral
[13] This whole business where this is a good	[13] artery?
[14] range for about 80 percent of available blood	[14] A: No, it's not.
[15] pressures is what the brain does. No other organ	[15] Q : Is it the reverse?
[16] does this, but other organs, your calf muscles	[16] A: No.
[17] can get away without blood flow for 10 minutes.	[17] Q: It just happens at the same time?
[18] If you sit on your leg too long, you can get	[18] A: It happens at the same time. Now, there are
[19] up, shake your leg, and nothing happens. But	^[19] changes in regional blood flow that have to do
[20] don't try that with your brain. It can't.	[20] with certain brain functions, vision, language.
[21] So shift of focal stenosis is to shift this	[21] As you're rubbing your lips with your right
[22] to the right but only where the stenosis applies,	[22] index finger, the right motor strip is getting a
[23] and that is in the distribution of a vessel.	[23] little more blood than the left. As I'm mouthing
[24] Q : While you are talking about a shift to the right,	[24] off, my language centers and the parts that
[25] it gives me the opportunity to ask you whether	[25] involve both sides of my brain relative to my
Page 4	
[1] you agree with Dr. Ammerman that there was a	Page ! [1] lips and tongue are going to light up if you have
[2] shift to the midline structure from the left to	[2] the right tools to measure that. So there are
[3] the right by approximately eight millimeters.	[3] critical differences that depend on function, but
[4] A: Yeah, you want to see that?	[4] in terms of overall global flow, blood flow, no.
[5] Q : We'll put that up, but do you agree with what he	[5] Q : You had the opportunity to review Dr. Bacik's
[6] said there?	[6] report and Dr. Bibler's report, correct?
[7] A: Infarcted brain swells and pushes healthy brain	
[8] around, that's another one of its bad effects,	 [7] A: Yes. [8] Q: Was there anything that you disagreed with in
but that's what he's talking about.	[9] Dr. Bacik's report?
[10] Q: Okay.	
[1] A: We're not talking about — this is, I'm looking	
[12] at a mathematical graph that has nothing to do	[11] Q: Sure. You have it there. And we might as well [12] stick to the proximate cause questions as opposed
[13] with an MRI machine.	(12) stock to the proximate cause questions as opposed (13) to standard of care issues.
[14] Q: What I'm about to ask you is really basic, but I	
[15] would like to know your answer. What's the	[14] A: No. In terms of the statements he made here, I
[16] significance of this being on the left in this	[15] don't have disagreement.
[17] patient as opposed to on the right side?	[16] MR. MISHKIND: I didn't hear you.
(18) A: Had she lived, then the function of language	[17] Your voice has a tendency of trailing off.
[19] would have been involved. She would have been	[18] You're such a soft-spoken person.
[19] would have been involved. She would have been [20] aphasic. Had she lived, the right side of her	[19] A: No, I don't have a fundamental disagreement with
[20] aphasic, riad she lived, the light side of her [21] body would have been paralyzed and not the left.	[20] what he's stated.
	[21] Q : You said fundamental, do you have any
	[22] disagreement?
[23] the other side of the brain. Had this involved a	[23] A: No, I don't think as stated, no.
[24] right hemisphere, her language function would	[24] Q : Let's move on to Dr. Bibler's report.
[25] have been preserved but the left side of her body	[25] MR. MISHKIND: Again, you want him

Page 51	* Page 53
[1] to concentrate on proximate cause, not	(1) cerebrovascular disease?
[2] standard of care, because Dr. Bibler has a	(2) MR. MISHKIND: Let me object. You
[3] lot of opinions on standard of care.	3 mean if the pulmonary emboli was not —
[4] Q : So I could take you down to probably Paragraph 5	[4] MR. KURI: Yes. Forget about the
[5] would probably be the area.	151 hospitalization.
[6] A: No, I don't.	(6) MR. MISHKIND: Just remove the
[7] Q : All right. He states in that — why don't you	[7] pulmonary, and what was her chance of
^[8] také a look at that paragraph again, 5?	[8] stroke?
[9] A: Number 5, yes.	 Q: It's your opinion that she did have stenotic
[10] Q : It says, As a direct consequence of her massive	[10] cerebrovascular disease. Let's take that, what
[1] embolus, she had hemodynamic compromise which	[11] are her chances of having a stroke as the result?
[12] resulted in a large hemispheric ischemic stroke.	
[13] Do you have any problem with the terms he	[12] A: It leaves me wondering what's to come second and
[14] used, large hemispheric ischemic stroke?	[13] third, but I'll answer. She's 77, she's a woman,
	[14] she does not have any severe cardiovascular
	[15] disease. So her cumulative stroke risk given
[16] Q: What's he describing there?	[16] these circumstances is probably 3 percent per
[17] A: Simply what we have been talking about for the	[17] year cumulative, which comports with ten years of
[18] last umpteen minutes.	[18] life expectancy.
[19] Q: When he uses the terms large hemispheric ischemic	[19] Q : Okay. Based upon your review of the records and
[20] stroke, then tell me	[20] what you know in regard to her previous medical
[21] A: I agree with that. She had a large stroke	[21] condition, are you saying that her most likely
[22] without hemorrhagic effect involving her left	[22] timely death would be the result of a stroke?
[23] hemisphere in the course of this. That's what	[23] A: Probably not. Something else. That would be in
[24] he's saying, isn't it, and I don't disagree with	[24] the third rank. Even given her age, heart
[25] it.	[25] disease and cancer are going to be much more
Page 52	Page 54
[1] Q : Does that comport with the focal nature of what	[1] common causes of death in an otherwise healthy
[2] occurred to her?	[2] 77-year-old woman than stroke, but it's up there.
[3] A: Well, yes, it does. Stroke, again, is a focal	[3] Q : Even with the stenotic condition?
[4] event.	[4] A : Sure.
[5] Q: In general, when you use the term hemispheric	[5] Q : She didn't have any evidence of any heart
[6] then, what are you talking about?	[6] condition, I think you already mentioned that,
[7] A: Well, he's talking about the cerebral hemisphere,	[7] correct?
(8) the left cerebral hemisphere.	[8] A: No, but she's 77. That's enough. You're not
[9] Q: All right. Continuing on in that paragraph,	9 going to live another 50 years when you're 77.
[10] later on he says, In the absence of the massive	[10] Q : Okay. So you're putting stroke as the third
[11] pulmonary embolus that she sustained that night,	[11] likely cause of death for this lady?
[12] it is very unlikely that any of the other	[12] A: Statistically, that's exactly what it is.
[13] complications would have supervened.	[13] Q : Would that be the same whether she had a stenotic
[14] A : Yes.	[14] condition or not?
[15] Q : Do you have any understanding what he means by	[15] A: If she didn't have a stenotic condition, it would
[16] other complications?	[16] be less than that, probably a percent less per
[17] A: I think he's talking about her multiple organ	[17] year cumulative risk.
[18] failures and her stroke.	-
[19] Q: Okay. I believe I asked you, taking the stenotic	[18] Q : Okay. I think when you were kind enough to
[10] Greebrovascular disease out of the equation, you	[19] create this chart for me, my original question
	[20] was much more of a simple nature, and so I want
	[21] to go revisit it for a minute.
[22] global type of stroke in this scenario?[23] A: Yes.	[22] A: Fine. It may require the collaboration of yet
	[23] another chart.
[24] Q: What would you say her chances were of having a	[24] Q : I don't think it does. Let's start with this
[25] stroke simply because she had stenotic	[25] question. I just want to know if a patient's in

Page 55	5 Page 5
[1] the hospital and you're checking their vitals,	1) the end if possible.
[2] what would you consider to be a patient that is	[2] A: If you look at numbers here that hover around 60,
[3] hypotensive, what range, just a patient in	[3] that's hypotension. That's her mean arterial
[4] general?	[4] pressure. Nearly all of these are 60 or less.
[5] A: Okay. Anybody who's got a cerebral perfusion	[5] Here's a dip down to nothing or nearly nothing.
[6] pressure of less than 70 torr. Now again, that	[6] Just what shape this V ought to be in and how
[7] is hypotension that may or may not mean anything	[7] prolonged, acute it is you can't tell because the
[8] under the circumstances, but is it hypotension?	^[8] sampling points are widely distributed. Then she
^[9] Yeah, it is.	^[9] sustained here, looks to be about 60, 70, then
[10] Q : Okay. Can we put that in terms of blood	[10] drops down again to numbers around 40. This goes
[11] pressures?	[11] on at least in this particular recording, and
[12] A: Well, any number that you would like to add up	[12] those that follow it are all like that.
[13] and divide by two and come up with a number less	[13] They're all, Mr. Kuri, they're too little, at
[14] than 70, it's up to you. It could be 70 over 70.	[14] least for the most part. There's a blip up here
[15] Q : Okay. So anything less than 70?	[15] to a mean arterial pressure of around 80 and
[16] A: Yes. In terms of mean arterial pressure.	[16] another to around 100. These are much more
[17] Q : Okay. Is the body equipped to maintain 65 on a	[17] normal.
[18] fairly regular basis?	[18] Now, she's getting levophed and other drugs
[19] A: You know, you can inch your way along, but again,	[19] to sustain her blood pressure at this point, so
[20] go back to this chart you didn't like.	^[20] she's getting the boost to do this, but nearly
[21] Q: I didn't say I didn't like it. It wasn't quite	[21] everything you see is low.
[22] the answer to my question .	[22] Again, there's an occasional normal
[23] A: Your wide range, even in elderly people with	[23] recording, but it looks to me, without counting
[24] pressures that are even below 60 torr, you're not	[24] them, that 80 or 90 percent of those recordings
[25] likely to get into great trouble, and some can	[25] are in hypotension.
Page 56	
tolerate that even for a while. Is it a good	 Page 5 [1] Q: Did you check her blood pressures in Barberton?
^[2] idea to do that? It is not.	 A: I don't recall low pressures like this from
[3] Q : But it's your position that regardless of the	[3] Barberton. I think they're all higher, but I
[4] stenosis, she was likely to get in trouble in	[4] don't have a plot of them. Let me look, okay.
[5] this case from the point of the CVA?	[5] Q : Sure.
MR, MISHKIND: Objection.	[6] A: Now, from Barberton, you're talking about the
7 A: No, I don't think that's what I said.	[6] A. Now, non barberton, you're taiking about the
[8] Would you repeat that. I don't think I	
9 understood you.	
[10] Q : Sure. I think your testimony previously had been	[9] A: Okay. I wanted to make sure and not the doctor's [10] office.
[11] had she not had a stenotic condition, she was	
[12] likely to have a watershed event?	
[13] A: Those are very bad things to have. They kill	[12] A: There are a couple places I want to look. I want [13] to look not only at the physical recordings, but
[14] people too, just like this.	[14] also at the EKG and some of the other places.
[15] Q : I don't disagree with you, but that's what you	
[16] were telling me before?	[15] Okay. I'm looking at the notes from the [16] cardiac service. This is the one that
[17] A : She would have been more likely to have global	
[18] cerebral ischemia of some form, that's what I was	[17] demonstrates the stress on the right side of her
[19] saying.	[18] heart. I'm going to the nurses notes.
	[19] Her mean arterial pressures here are what,
[20] Q : Let's pull your report up real quick. On Page 3 [21] you state in the second paragraph, "She suffered	[20] 70, 80, up. Some of them are around 100.
[22] prolonged and sustained hypotension in spite of	[21] They're not low for her, and there are not a lot
[23] the administration of levophed and TPA."	[22] of recordings either. 100, 100, 110, 110, 80.
	[23] The low ones are around 80.
[24] I need you to give me the beginning of what [25] you believe to be the sustained hypotension and	[24] Q : Let's go to Number 1 of your Analysis and
[23] you believe to be the sustained hypotension and	[25] Opinions. You indicate that you share the

Page 59	Page 61
[1] opinion of her medical caregivers during her	[1] Q: She didn't have a stroke yet?
[2] terminal hospitalization that the cause of her	[2] A: Well, that wasn't your question. You asked me
^[3] death was pulmonary embolization.	[3] about pulmonary embolus.
[4] Where are you picking that up?	[4] Q : My question was your statement Number 1, "I share
[5] A: Death certificate.	[5] the opinion of her medical caregivers during her
[6] Q : That would be one physician, correct?	[6] terminal hospitalization that the cause of her
[7] A : And I think the notes here are redolent of	[7] death was pulmonary embolization."
^[8] pulmonary embolism treatment; TPA, heparin for	[8] We've talked about the death certificate, and
9 pulmonary embolism. It would be hard for me to	^[9] I'm asking you to show me where that is anywhere
[10] infer anything else based on the records from	[10] else, if you did pick it up from anywhere else.
[11] Akron.	[11] A: Again, let me look. I don't want to misspeak.
[12] Q: Let's talk about what you wrote. You said you	[12] Q: Sure.
[13] shared the opinion of her medical caregivers. So	[13] A: Well, she's not going to have it listed in the
[14] you were pulling the opinion from the caregivers	[14] cause of death until she's dead, and that's where
[15] as to what the cause of death was, correct?	[15] I got it from. But I'll tell you, Mr. Kuri, it's
[16] A: Yeah, they're the ones that stated it, sure, and	[16] hard for me to look at this record and tell you
[17] I agree with them.	[17] anything that might have been in the mind of
[18] Q : Anywhere was it stated, other than on the death	[18] anyone for the cause of death other than
[19] certificate, that the cause of death here was	[19] pulmonary embolus.
[20] pulmonary embolus?	[20] Q : Okay. What I was just trying to get to is, you
[21] A: Yes, let me go back to her discharge summary.	[21] used the word caregivers, and I was trying to
[22] Q: Sure.	[22] follow up with what you meant by who it was other
[23] A: Final diagnosis, acute pulmonary embolus. This	[23] than on the death certificate?
[24] was signed by Don C. Bradford, D.O., who was not	[24] A : Again, not to be obstinate, but I would think
[25] a caregiver.	[25] that were a poll of her caregivers taken, and
Page 60	Page 62
[1] Q : Does the final diagnosis mention that she had a	[1] were you asked why did she die, answers other
[2] stroke?	[2] than pulmonary embolus would be rare indeed.
[3] A: Well, not from what I'm reading. I mean he's	[3] Q : Let's turn to Number 3 on your Analysis and
[4] looking at one single most important event to	[4] Opinions. We've touched on this. You're
[5] him.	5 basically saying had she not been hypotensive
[6] Q ; Okay.	[6] from the PE, this never would have happened?
\square A: And that's pretty — I agree with that too.	[7] A : Not quite. That's not what I'm saying.
[8] Q : If you were following this patient and you were	[8] Q: All right.
jøj writing down the final diagnosis, would you have	[9] A: And again, I want to be very careful to avoid the
[10] omitted the stroke?	[10] standard of care issues when I answer this
[11] A : Would I have, no, but I'm not criticizing	[11] question.
[12] Dr. Bradford for doing it.	[12] Q : Okay.
[13] Q : I'm not asking you to criticize.	[13] A: There was a time when she had swelling of her
[14] A: And I'm telling you I don't. And under the	[14] left leg, where she was known to have some degree
[15] circumstances, normally how I love the brain, I	[15] of tricuspid insufficiency, a right ventricle
[16] would have made some comment about it in my	[16] that was dilated and high pulmonary artery
[17] remarks. Now, I'm paraphrasing Richard Fricker,	[17] pressures. All of these things are pathonomic of
[18] but shortness of breath, I think it's hypoxemia	[18] what happens in pulmonary embolization. Not at
[19] secondary to PE, pulmonary embolus, shortness of	[19] the instant of embolization, but after
[20] breath, da-di-da-di-da, swollen lower leg,	[20] embolization is repeated and after it's made
[21] oxygen, heparin. That's pulmonary embolus talk.	[21] progress.
[22] It's hard to construe it was anything else, at	[22] There's very high resistance in the lung and
[23] least for me.	[23] in pulmonary blood vessels in a sudden event, say
[24] Q : Okay. What time was that at?	[24] a satellite embolus in the pulmonary emboli,
[25] A: That's when she came in the hospital.	[25] because it branches, and you could have a big

in and the second

Page 63	
[1] blood clot that really includes both the right	Page 65 [1] Q: This is more of a result of the decision that she
[2] and left branches of the pulmonary artery.	
 Pulmonary pressure between that embolus and 	[2] wasn't going to get any better, and so?
[4] the right ventricle goes very high but the heart	[3] A: Yes.
· · · · · · · · · · · · · · · · · · ·	[4] Q : Okay.
[5] Isn't dilated. That takes time. What happens to[6] that embolus is it fragments and goes out to	[5] A: It was a decision based on the inevitable
[7] blood vessels in the periphery lungs and causes	[6] confrontation with futility.
[8] shortness of breath and cough.	[7] Q : So the brain anoxia wasn't something that
	[8] necessarily occurred at the time when the focal
	[9] CVA had occurred. This is later on, we're not
[10] the right ventricle has to do, causes thickening	[10] going to treat anymore, this is what happens when
[11] of the walls and dilation of the chambers. That	[11] you don't treat anymore?
[12] picture takes time to occur; several days, a	[12] A: These are cumulative events.
[13] couple of weeks before you see this picture that	[13] Q : Okay, Let's pop these up there real quick.
[14] was found during her echocardiogram.	[14] MR. KURI: Are these copies?
[15] So when I say the treatment of pulmonary	[15] MR. MISHKIND: I'm sure.
[16] embolization, it really precedes her appearance	[16] A: Copies of these are like dollar bills. They're
[17] at the Akron Hospital. She had plenty of	[17] not copies. These are done on the computer with
[18] evidence that that indeed was what was wrong with	[18] the same information that made the original.
[19] her before she got to Akron, and when she got to	[19] They're like plates at the mint.
[20] Akron and subsequent to that, this unfortunate	[20] Q : The quality wasn't what I was asking about, it
[21] condition simply continued and led to her death.	[21] was like asking could we circle on it or
[22] Q: At what point in her care before she got to Akron[23] General would some intervention had to have	[22] something.
[24] occurred before the PE in order to have kept this	[23] A: It would depend on one's nature and attitude
[25] result from occurring?	[24] toward neatness, completeness and the refrain
	[25] from schmutz.
Page 64	Page 66
[1] A: Well, certainly there was opportunity to do it in	[1] You know what schmutz is? The actual word is
[2] her hospitalization at Barberton.	[2] schmutzig.
 [3] Q: If it was done then, it's your opinion that the [4] events that occurred at Akron General would not 	[3] MR. KURI: We might as well mark
[4] events that occurred at Akton General would not	[4] those real quick.
	[5] MR. MISHKIND: You can mark them,
 [6] A: That and subsequent events, including our [7] conversation here today. It would have been — 	[6] but I'm obviously keeping them.
[8] she would have been treated and spared all of	[7]
	(Thorownon Defendant's E-thibite
	(8) (Thereupon, Defendant's Exhibits
[9] this, as would we.	[9] D, E, F and G were marked for purposes of
 [9] this, as would we. [10] Q: Number 4, you say in the last sentence, "In this 	[9] D, E, F and G were marked for purposes of[10] identification.)
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Page	67 Page 69
[1] Q : Can you pinpoint, I think you've testified that	[1] going to go through every single frame.
[2] the stroke itself was focal. Can you pinpoint in	[2] Q: Sure.
[3] any of the frames where you can, where you see	[3] A: Here you see that the whole portion of the
[4] that, where you see the stroke?	[4] hemisphere, and I'm now pointing at Image 32.
[5] A: First let me tell you what this is. This is a	[5] This is kind of blacker than this. It means it's
[6] CT brain scan. It's developed and used based	[6] in water. You can see what also happened. This
[7] upon the ease by which an x-ray beam can travel	^[7] structure in the middle of the ventricle here in
[8] through a volume of tissue.	[8] this frame, and again this is frame Image 32
[9] Q: Okay.	[9] should be exactly in the midline. The midline is
[10] A : The brain is fairly soft. X-ray beams go through	[10] here. You see how this is pushed over.
[11] it relatively easily. Bone is pretty hard, and	[11] Q : What is pushed over?
[12] x-ray beams don't go through it very easily, and	
(13) the way that the computer attached to these	
machines is made is that things that impede the	[13] kind of pushed from the left to the right side. [14] The ventricle on the left side with the water
[15] travel of x-ray beams are white, like bone, and	
(16) things that don't impede the travel of x-ray	[15] containing chamber is almost closed. This is
[17] beams, like water, is black, and intermediate	[16] swollen and infarcted brain tissue. So this is
(b) densities in terms of the resistance of	[17] erasable, and I'm not ruining anybody's x-rays
[19] penetration are gray or shades of gray, and the	[18] with it, and it doesn't show up very well, but
[20] gray can be scaled, and then it's reconstructed	[19] this whole area of the brain is infarcted.
[2] to look like a human brain.	Now, that's focal, and it's also the precise
[22] Strokes are not likely to be seen the instant	[21] distribution of the middle cerebral artery.
[23] they occur. A few can, and there are some	[22] That's what perfuses this. There are portions of
[24] telltale signs we need not get into. In terms of	[23] brain that are not infarcted, areas of the brain
[25] ripening it takes several hours or sometimes days	[24] far in the back that are preserved.
	[25] The other side of the brain is preserved in
Page	1 490 1 0
[1] to see them.	[1] further sections, and I'm looking now at Image
[2] I'm going to use a blue pen to point to the	[2] 19. The cerebellum, that's not affected, it's in
[9] areas of brain infarction. Now, the cartoon that	[3] the bed of another circulation and another route,
[4] I drew for you before is looking at the brain at[5] the side. That's not how this is done. We're	[4] not Interstate 77 at this point.
	[5] See, you're looking at infarction all the way
[6] looking at the brain through slices in about this	[6] as this series of slices comes down here, and it
[7] plane. I'm pointing now with my hand in kind of	[7] is all in the circulation of the middle cerebral
[8] a slanted fashion above my ear.	[8] artery on the left side of the brain. Not only
Image: Second	^[9] is the brain infarcted, the area of infarction
[10] a few millimeters thick. So they're being sliced	[10] has caused swelling so that this damaged brain is
[11] in this direction through the brain.	[11] now pushing its way into the property, both
When the slices start, you're looking at the	[12] property lines of otherwise healthy brain.
13] brain underneath it and so forth, and you almost	[13] Q: Can you give me the size of the focal affected
immediately pick up at the top and going down, an	[14] area approximately?
[15] area that is abnormal. I'm going to draw through	[15] A: Make a fist. That size. The size of your fist.
[16] the bone, the beginning of what you see is an	[16] Q : Is there anything that you can see on these CT
abnormal area with this blue pen producing the	[17] scans which supports your contention that a
[18] sign of the blue arrow. Let me get the kids'	[18] stenotic process was involved?
[19] Crayons.	[19] A: Again, the focal nature of this. It's restricted
You start to look at something here on the	[20] to the distribution of a single known named
[21] left side. Now, the left side is on your right,	[21] cerebral vessel, not other vessels. It's not
22] and you're kind of looking from the top down with	[22] every place, it's not a watershed infarction,
23] things inverted. That's just the convention	[23] it's not global anoxia. It's a stroke in the
[24] here.As you begin to look farther, you see that	[24] distribution of single vessels. That happens
[25] this area becomes larger and larger. I'm not	[25] because there's something wrong with the vessel.

Page 71	Page
^[1] That happens 100 percent of the time.	[1] in this patient?
^[2] Q : My question for you is there anything that you	[2] A: No. In my opinion, no.
[3] can see on here other than the fact that you	[3] MR. MISHKIND: Objection.
[4] know —	\mathbf{Q} : Is it possible that she simply had a stroke
[5] A: I see. No. You don't see blood vessels on this	[5] unrelated to the events which hospitalized her?
[6] particular study. Now, you can get some idea if	[6] MR. MISHKIND: Objection.
7] you use contrast material, which was not done	[7] Go ahead.
[8] here, there's really no reason to. Again, that's	[8] A: I don't think so. I think there's a much more
^[9] not a criticism. There are other forms of study	[9] probable causal relationship between the event of
[10] that could be done to illuminate that problem,	[10] pulmonary embolization ensuing and regional brain
[11] but again, there's no reason to do things like	[11] infarction. It's not just happenstance.
[12] MRI or direct angiography. Those would firm	
[13] things up a little more, but we have to deal with	
[14] the evidence we have. And we have enough	[13] Is it impossible medically speaking or a medical
[15] evidence.	[14] possibility?
	[15] MR. MISHKIND: Let me object to
[16] Q : Is there a frame that best shows a complete	[16] the form of the question. You know that's
[17] picture of the stroke better than any of the	117] not the requisite degree of belief.
[18] others?	[18] Q : I'm not asking —
[19] A: No, they all show it. You have to make a	[19] A : It's like falling in love, anything can happen,
[20] composite out of this. If you were to take one	[20] but I don't think that happened.
[21] favorite picture away from this, oh, let's see,	[21] Q : Okay. Have you ever had a patient who had a
[22] it would probably be Image 32, because not only	[22] stroke which resulted from these circumstances,
[23] does it demonstrate infarction, it demonstrates	[23] PE hypertension coupled with —
[24] brain swelling in compartmental shift.	[24] A: Hypotension.
[25] Q : Okay. Thank you.	[25] Q : I'm sorry, hypotension, coupled with a stenotic
Page 72	Page
[1] A: You're welcome.	[1] process?
[2] Q : What is heparin-induced thrombocythemia?	[2] A: Yes.
[3] A: In persons with chronic heparin administration	[3] Q : How many times?
[4] that are carried out for long periods of time for	[4] A: Not very many. I don't know, 40 years, ten, a
[5] a variety of illnesses this lady doesn't have,	[5] dozen.
[6] there can be suppression of platelet production.	[6] MR. KURI: I think we're almost
[7] Now, in persons with embolic disease,	[7] done. Let me take a look through here.
[8] particularly repeated, recurrent massive embolic	[8] A : I hope to God you're right.
9) disease, the platelets get consumed in persons	MR. HOLDSWORTH: I have a couple
[10] receiving heparin. That's the acute effect of	[10] of brief questions.
[1] heparin. It is an acute effect of somebody that	(11)
[12] is a thrombosis factory, as this lady is. She's	(12) CROSS-EXAMINATION OF JOHN P. CONOMY, M.D., J
[13] thrombosing stuff all over the place. Her	[13] BY MR. HOLDSWORTH:
[14] platelet counts, her absolute platelet number is	[14] Q : Doctor, I think you told Mr. Kuri earlier that
[15] going to be diminished.	[15] you believed that Mrs. Speicher's pulmonary
[16] In chronic heparin administration it's not	[16] embolism could have been treated to prevent this
^[17] platelets being consumed. They're not being	_
	[17] focal stroke sometime during the hospital stay at
the produced She doesn't have that	[18] Barberton Community Hospital, is that correct?
[18] produced. She doesn't have that.	[19] A: Yes.
[19] Q : So you noticed in this particular patient her	
[19] Q : So you noticed in this particular patient her [20] platelets are probably reduced by half?	Q: Do you have an opinion as to whether or not the
 [19] Q: So you noticed in this particular patient her [20] platelets are probably reduced by half? [21] A: Sure, but every place she makes a blood clot, 	Q: Do you have an opinion as to whether or not the pulmonary embolism could have been treated at the
 [19] Q: So you noticed in this particular patient her [20] platelets are probably reduced by half? [21] A: Sure, but every place she makes a blood clot, [22] she's going to have hundreds of thousands of 	 Q: Do you have an opinion as to whether or not the pulmonary embolism could have been treated at the point of say February 1st, 2001?
 [19] Q: So you noticed in this particular patient her [20] platelets are probably reduced by half? [21] A: Sure, but every place she makes a blood clot, [22] she's going to have hundreds of thousands of [23] platelets at the same site being consumed in a 	 Q: Do you have an opinion as to whether or not the pulmonary embolism could have been treated at the point of say February 1st, 2001? A: Tell me, where was she on February 1st. She went
 [19] Q: So you noticed in this particular patient her [20] platelets are probably reduced by half? [21] A: Sure, but every place she makes a blood clot, [22] she's going to have hundreds of thousands of 	 Q: Do you have an opinion as to whether or not the pulmonary embolism could have been treated at the point of say February 1st, 2001?

Page 77

Page 75 [1] I think by the time she presents herself to [1] [2] the Akron Hospital, she's very sick and having [3] [3] massive troubles, not really evident at the [4] moment she was admitted, but shortly thereafter. [5] [5] But I think on the 1st, yes. What was her [6] admission date at the Akron Hospital? MR. MISHKIND: She was admitted on [8] the 5th, she was discharged from Barberton [9] on January 28th. A: On the 1st she saw Dr. Dean Rich. I think had [10] [13] [11] she been treated that day, she would have been [12] saved. [15] [16] Q: Fair enough And I believe you also talked with [13] [17] [14] Mr. Kuri earlier about if you were removing the [18] [15] pulmonary issues from this case, if Ms. Speicher (19) [16] had not had a pulmonary embolism, that there was, [17] I wrote this down so I would have it right, a [20] [21] [18] cumulative stroke risk of 3 percent per year, is [22] 1191 that correct? [23] A: Yeah. Now, that again, is about more than three [20] (241 [21] times your stroke rate. It basically reflects [25] [22] her age. Q: Okay. So that assessment of 3 percent per year [23] [24] is based upon her 77 year age? A: Three percent cumulative. [25] Page 76 Q: Are there any other factors that you base that FH1 [2] opinion on? A: No, because if she were hypertensive or diabetic, [3] [4] the number would be much higher. Three percent [5] is a fairly low number for somebody 77. It means [6] they're 77 but don't have much else wrong with [7] them. Q: So a 77-year-old without any other health 181 ^[9] problems or other diagnosed health conditions. A: 77, 3 percent; 78 is 6 percent. It adds up, it [10] [11] doesn't get smaller, but the numbers that are [12] built up for concurrent heart disease or for the [13] appearance of malignancy are even higher than [14] that in 77-year-olds. Q: So when Ms. Speicher progressed to 78 years of [15] [16] age, her cumulative risk would increase to 6 [17] percent? A: It would have accumulated to 6 percent at the [18] [19] end. Q: Nine percent at 79; 12 percent for 80, so on and [20]

[21] SO ON? A: Yes, it's cumulative odds. It gets bigger over [22]

- [23] time. Now, it may not grow at the same numeric
- [24] rate per year, but in general that's the

[25] progression.

MR. HOLDSWORTH: That's all the [2] questions I have. MR. KURI: I don't have anymore [4] questions either. Thank you for your time. MR. MISHKIND: We will read. If [6] you would reflect on the record, as we've [7] done previously, that the doctor, and I'll ^[8] be happy to make arrangements to get the 19] transcript to the doctor, but since we're [10] close to trial, rather than extending to 28 [11] days on the reading, we've agreed to 14 [12] days rather than seven days —

MR. KURI: I'm ordering it as soon [14] as you can get it to me.

MR. MISHKIND: - for purposes of

the doctor reading it over.

MR. KURI: No problem.

JOHN P. CONOMY, M.D., JD

	Page 78
[1]	
[2]	
	CERTIFICthe T E
[3]	
[4]	The State of Ohio,) SS:
	County of Cuyahoga.)
[5]	
[6]	
	I, M. Sheila Noce, the Notary Public within
[7]	and for the State of Ohio, authorized to
	administer oaths and to take and certify
[8]	depositions, do hereby certify that the
	above-named witness was by me, before the giving
[9]	of their deposition, first duly sworn to testify
	the truth, the whole truth, and nothing but the
[10]	truth; that the deposition as above-set forth was
	reduced to writing by me by means of stenotypy,
[11]	and was later transcribed into typewriting under
	my direction; that this is the true record of the
[12]	testimony given by the witness; that said
	deposition was taken at the aforementioned time,
[13]	date and place, pursuant to notice or
	stipulations of counsel; that I am not the
[14]	relative or employee or attorney of any of the
	parties, or the relative or employee of such
[15]	attorney or financially interested in this
	action; that I am not, nor is the court reporting
[16]	firm with which I am affiliated, under the
	contract as defined in Civil Rule 28(D).
[17]	
	IN WITNESS WHEREOF, I have hereunto set my
[18]	hand and seal of office, at Cleveland, Ohio, this
	day of, A.D. 20
[19]	
[20]	
[21]	M. Sheila Noce, Notary Public, State of Ohio 1750
	Midland Building, Cleveland, Ohio 44115
[22]	My commission expires January 22, 2006
[23]	
[24]	
[25]	

0	4	acquisition 44:14; 45:11; 66:20	applies 47:22 appreciate 10:9	В
		activity 7:21	approach 14:25	
0 46:8, 12, 13, 13, 23	4 64:10	actual 9:9; 66:1	approximately 17:15;	B 4:11; 6:20
0 28:14, 16	40 20:17; 30:5; 32:25;	Actually 5:10; 39:13	48:3; 70:14	Bacik 15:20
01 28:11, 14, 16, 18	46:23, 23; 57:10; 74:4	acute 57:7; 59:23; 72:10,	April 17:3	Bacik's 50:5,9
03 28:9	45 46:16	11	arcane 9:25	back 27:11, 14; 34:22;
	48 39:10	add 55:12	area 10:18; 11:1; 13:1;	41:5; 55:20; 59:21; 69:24
1	4th 47:6	adding 29:16	22:15; 35:8; 51:5; 68:15,	backward 33:13
<u>#</u>		addition 64:21	17, 25; 69:19; 70:9, 14	backwards 13:4; 33:12;
	5	additional 16:25	areas 11:3; 22:25; 32:12;	36:10,23
1 41:25; 58:24; 61:4		addressed 8:14; 15:20	68:3; 69:23	bad 44:21; 48:8; 56:13
10 20:17; 31:1; 46:23;		adds 76:10	around 16:24; 28:18;	Bagdad 37:2
47:17	5 51:4, 8, 9	adjacent 32:23	30:13; 31:5; 44:9; 46:8, 16,	Barberton 15:7; 28:5, 17
100 29:13; 46:3, 17;	50 11:13; 33:3; 54:9	administration 56:23;	17; 48:8; 57:2, 10, 15, 16;	58:1, 3, 6, 8; 64:2; 74:18;
57:16; 58:20, 22, 22; 71:1	50/50 5:9	72:3, 16	58:20, 23; 66:21	75:8
110 58:22, 22	55 46:2	admission 75:6	arrangements 77:8	barrage 27:13
11:00 44:9	5th 44:9;75:8	admitted 75:4, 7	arrest 18:23; 30:7	base 76:1
11:15 44:9		affected 70:2, 13	arrhythmias 39:2	based 20:21; 24:19; 27:2
12 76:20	6	afternoon 45:14	arrow 68:18	36:6, 11; 44:3; 53:19;
13th 17:3		-		59:10; 65:5; 66:22; 67:6;
14 77:11	6 66:20; 76:10, 16, 18	again 8:24; 16:14; 18:23; 30:21; 32:2; 37:11; 38:19,	arrythmia 39:10	75:24
	60 31:5; 32:25; 55:24;	22; 41:5; 45:17; 50:25;	arterial 12:9; 29:6, 23;	basic 48:14
149 30:5	57:2, 4, 9	51:8; 52:3; 55:6, 19; 57:10,	30:4, 9; 46:9, 12, 22;	basically 24:17, 21;
14th 14:13; 17:3	65 46:17; 55:17	22; 61:11, 24; 62:9; 69:8;	55:16; 57:3, 15; 58:19	25:25; 32:15; 62:5; 75:21
150 46:11	63 40:17; 35 .17	70:19; 71:8, 11; 75:20	arteries 11:22; 12:6, 16;	basis 24:15; 55:18
19 70:2	Constraints of the second s	age 4:1; 53:24; 75:22, 24;	28:1, 25; 29:13; 40:1; 47:1, 2	beam 67:7
19th 17:4	7	76:16	-	beams 67:10, 12, 15, 17
1:14 32:1		aggregate 8:16	artery 10:18; 11:11; 12:8; 13:18; 28:3; 33:6, 16, 17,	became 18:6; 25:20;
1:25 32:2	70 26:15; 29:13; 31:5;	agree 30:17; 31:2; 40:6;	18; 34:12; 35:4, 16, 19;	40:5; 64:25
1:30 30:13; 31:13	32:13, 13; 33:2; 55:6, 14,	48:1, 5; 51:21; 59:17; 60:7	39:21; 40:4; 41:1, 6, 9, 15,	Becker 16:17; 17:20;
1:32 32:2	14, 14, 15; 57:9; 58:20	agreed 77:11	15, 17, 23; 49:13; 62:16;	18:13
1st 74:22, 23; 75:5, 10	77 24:7, 12, 18; 35:17;	agreeing 16:18; 17:10	63:2; 69:21; 70:8	become 25:25, 26:18;
(St /4.22, 25, 73.3, 10	53:13; 54:8, 9; 70:4; 75:24;	ahead 6:8; 34:16; 37:9;	article 5:19; 7:11	37:14
	76:5, 6, 10	41:4;73:7	articles 7:15, 8:3, 7, 10;	becomes 20:19; 26:1;
2	77-year-old 24:16; 25:18; 54:2; 76:8	Akron 15:7; 27:19; 35:17;	9:16, 19; 10:5; 27:12	32:22; 33:3; 36:2; 43:8; 44:15; 68:25
	77-year-olds 76:14	59:11;63:17, 19, 20, 22;	aspect 20:13	bed 70:3
2 41:25	78 76:10, 15	64:4; 66:19; 75:2, 6	aspects 7:24	beforehand 36:16
2/6 30:16, 16	79 76:20	allegation 19:22	assessment 75:23	
20 30:11; 31:1; 46:23	/9 /0:20	almost 68:13; 69:15; 74:6	assignments 7:5	begin 68:24
200 46:9	ø	along 41:13; 55:19	associated 20:19	beginning 27:18; 44:5; 56:24; 68:16
2001 66:20; 74:22	8	Ammerman 15:18;	Associates 18:8	behind 32:16, 18
2002 16:16; 17:9, 14		39:23; 48:1		beholder 7:15
	80 47:14; 57:15, 24;	Ammerman's 39:20	assume 32:18; 36:10; 43:13	
2003 6:22, 24; 14:13; 17:4	58:20, 22, 23; 76:20	Analysis 58:24; 62:3		belief 39:20; 73:17
20th 17:17		angiography 71:12	atherosclerotic 25:24	believes 44:23
24th 17:4	9	announcement 29:21	atherothrombotic 40:7	below 31:7; 32:7; 46:23;
25 7:15		anoxia 34:5; 64:11, 20;	atrial 38:9	55:24
250 46:10	90 57:24	65:7; 70:23	atrium 37:23	benign 24:25; 26:11, 18
25th 17:18; 28:18, 23	9:30 66:21	anoxic 43:8; 64:25	attached 67:13	Bernoulli's 47:7
27th 16:16; 17:8		anterior 33:17	attitude 65:23	best 14:22; 71:16
28 77:10	•	anthology 8:24	authored 7:11; 15:3	better 32:9; 65:2; 71:17
28th 75:9	A	anymore 65:10, 11; 77:3	authors 10:5	Bibler 15:25; 51:2
2:00 30:13, 16, 18; 31:13;		apart 31:22	autopsy 27:1	Bibler's 50:6, 24
32:3	ABA 5:19	aphasic 48:20	autoregulation 45:8;	big 39:17; 62:25
	abnormal 68:15, 17	apologize 25:8	66:14	bigger 76:22
2	above 32:7; 68:8	apparently 16:20	available 47:14	bilateral 34:3
3	absence 52:10	appear 66:23	avenue 12:18	bills 65:16
	absolute 72:14	appearance 63:16;	avenues 37:3	birth 13:5
3 53:16; 56:20; 62:3;	absolutely 8:1	76:13	average 29:7, 11; 31:7, 7	birthday 38:18
75:18, 23; 76:10	accumulated 76:18	appearances 5:14	averaging 24:19	black 34:10; 67:17
		- apponinious J.1 T		
32 69:4, 8; 71:22	achievement 43:22	appears 20:22	avoid 62:9	blacker 69:5

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

33:3:53:11, 19, 37:25; 3:27:17, 18, 59:10, 19, 25; 33:3:53:11, 19, 37:25; 4:27:71, 18, 59:10, 19, 25; 35:3:53:10, 57:19, 58:1; 4:27:71, 18, 59:10, 57:13, 6; 4:57:10, 12, 17, 40, 199; 23; conclusive 27:10, 13, 17, 19, 199; 23; 59:4:55:10, 57:19, 58:1; capacity 459; 59:4:55:10, 57:19, 58:1; capacity 459; 6:23:56:11, 7:12, 17, 18 capacity 459; 10:00 17:12 capacity 459; 10:00 17:12 carclivescoular 53:14; 10:00 17:12 carclivescoular 53:14; 10:00 17:12 carclivescoular 53:14; 10:00 17:12 carclivescoular 53:14; 10:00 17:12, 15; carclivescoular 53:14; 10:00 17:22, 17:17; carclivescoular 53:14; 10:00 17:22, 17:17; carclivescoular 53:14; 11:00 17:20; carclivescoular 53:14; carclivescoular 53:14; <tr< th=""><th></th><th></th><th></th><th></th><th>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, _,, _,, _,, _</th></tr<>					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, _,, _,, _,, _
2)15 3100 3212 25 33.15 33, 16 31, 17 12, 15 5510 565, 671, 2, 37, 20, 23 665, 674, 2, 37, 20, 23 665, 674, 2, 37, 20, 23 665, 674, 12, 37, 20, 23 665, 674, 12, 37, 20, 23 665, 164, 17, 35 665, 164, 17, 35 71, 17, 17, 17, 17, 17, 17, 17, 17, 17,	•		chambers 11:19; 63:11	67:13	create 54:19
3:3:3:3:3:1, 19:3:7:3: 8:11:39:4:7:11, 18: 6:5:7:12, 2:1, 24: 6:0:6:7:13, 2, 7:2, 24: 6:0:6:7:13, 2, 7:2, 24: 6:0:6:7:13, 2, 7:2, 24: 6:0:6:7:13, 2, 7:2, 24: 6:0:6:7:13, 15:2; 7:2, 25: 6:0:6:7:13, 15:2; 7:12, 25: 6:0:6:7:13, 15:2; 7:12, 25: 6:0:6:7:13, 15:2; 7:12, 25: 7:12, 25: 7:			chance 53:7	concentrate 51:1	creating 42:23
site 11: 395: 43: 44: 18; 66:5; 67: 12, 3, 7, 20, 38; conneutise 91/1 (25:10) conclusive 21, 23; conclusive 24, 24; conconclusive 24, 24; conclusive 24, 24;<			chances 52:24; 53:11	conclusion 36:22	critical 27:7; 28:7; 32:22;
457. [0, 12, 15, 21, 24; 60:6; 70:13, 16; 71:3, 6; charges 49:19 conclustely 26:23, 25 criticist 49:19, 12; 62:23, 57. 10; 15, 22; 22:3; 73:19; 77:14; cancer 25:55:32:5 chart 26:3; 38:20, 14:3; conclustely 26:23, 25 criticist 49:19; 12; 62:23; 68:1, 76:61:4; 115; Caplen 8:17 check 58:1 55:10; 23:12 conclustely 28:36; 44:35; criticist 39:39; 45:9; 1bue 68:21, 71:18 carcial is 82:3; 30:7; 39:27; check 58:1 55:10; 23:21; conduits 11:20; conduits 12:2; 8: 29:6; 1bue 68:21, 71:18 carcial is 82:3; 30:7; 39:7; check 66:12 conduits 11:20; conduits 11:20; conduits 11:20; conduits 11:20; conduits 11:20; conduits 11:20; consider 44:15; consi			change 5:17; 23:10	conclusive 27:1	33:23; 49:7; 50:3
3.62:3:57:10:13:22: 722:77:14:77:14 Concurrent 76:12 Concurrent 76:12 Concurrent 76:12 Concurrent 76:12 Concurrent 76:12 Conclision 21:03:00:13 3:04:3:57:10:37:12:56:10 Capacity 45:9 Capacity			changes 49:19	conclusively 26:23, 25	criticism 44:19; 71:9
c17:10.1, 17:40:10.23, 50:45:501.07:30:18:51; c223.63.17, 66:14.71:5; c223.63.17, 66:14.71:5; c233.17, 61:14.22; c233.17, 61:14.22; c233.13, 61:45.37, 71; c333.12, 61:45.57, 71; c333.12, 61:45, 71; c333.12, 71; c333.12,			-	• • •	criticize 60:13
50:4:53:0:57:0:57:0:57:0:57:0:57:0:57:0:57:0			· ·		criticizing 60:11
62.23, 631, 7, 66:14; 71:5; Cardia 18:23, 307, 79-2; Solito 632, 77, 88 Solito 632, 77, 89 Solito 72, 78, 79, 97, 87, 79 Solito 72, 78, 79, 97, 77, 79 Solito 72, 78, 79, 78, 79, 78, 79 Solito 72, 78, 79, 78, 79, 78, 79, 79, 79, 79, 79, 79, 79, 79, 79, 79			4 · · · · · · · · · · · · · · · · · · ·		-
7.221 Corradia: 18.23, 30.7, 39.2, 53.6 checking 55.1 condition: 12.8, 29.0, 22.3, 27.6, 70.6, 90.6, 74.9, 90.6, 74.9, 90.6, 74.9, 90.6, 91.6, 18.6, 20.2, 22.2, 22.11, 15.6, 81.6, 12.2, 22.2, 22.11, 15.6, 12.7, 51.2, 55.1, 25.6, 20.6, 77.6, 92.6, 13.5, 45.10, 90.2, 22.2, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 65.2, 22.6, 22.11, 20.10, 53.2, 22.6, 22.11, 20.10, 53.2, 22.6, 22.11, 20.10, 53.2, 22.6, 22.11, 20.10, 53.2, 22.6, 22.11, 20.10, 53.2, 22.6, 22.11, 20.10, 53.2, 22.6, 22.11, 20.10, 53.2, 22.6, 22.11, 20.10, 20.2, 23.11, 16.1, 72.1, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23.11, 23					
biow 17:12 biue 68: 217, 18 biue 68: 21, 22, 22, 211, 223, 11 biue 68: 21, 22, 22, 211, 223, 11 biue 68: 21, 22, 22, 211, 223, 11 biue 68: 21, 22, 221, 12, 23, 11 biue 68: 21, 22, 22, 21, 12, 23, 11 biue 68: 21, 22, 221, 12, 23, 11 biue 68: 21, 22, 221, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 23, 11, 12, 12, 12, 12, 12, 12, 12, 12, 12		-			crunching 32:8
blue 682, 17, 18 body 382, 125, 5517 Bone 6711, 15, 681, 6 book 716, 5516, 7 book 716, 5116, 7512, 7518, 25 correlation 85, 827, 7 book 716, 5116, 7512, 7518, 25 correlation 85, 827, 7 direulation 8515, 827, 7 direulation 8516, 827, 827, 827, 829, 835, 827, 827, 827, 827, 827, 827, 827, 827	blow 17:12		-	conditions 12:7, 8; 29:6;	
body 38:21, 25, 55:17 care 10:10, 20:32, 211, 51:02, 22, 22:11, 23:5, 51:02, 22:12, 23:11, 23:5, 51:02, 27:8, 25:31:8, 10; 71:12, 71:12, 51:00, 53:6, 71; 51:12, 27:8, 25:31:8, 10; 71:12, 51:12, 53:10, 43:5, 51:12, 27:8, 25:31:8, 10; 71:12, 51:12, 51:12, 51:12, 51:12, 27:8, 25:31:8, 10; 71:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51:12, 51	blue 68:2, 17, 18		1 · · ·	32:20; 37:4; 38:9; 43:9;	
Bone 67:11, 15, 68:16 6, 10, 22, 22, 22, 22, 22, 22, 22, 22, 22, 2				47:9; 49:6; 76:9	
book 7:16 13, 15; 45; 19; 50:13; 51:2, boots 7:20 15, 15; 45; 19; 50:13; 51:2, correful 6:29 15, 12; 52; 12; 55; correful 6:29 15, 12; 25; correful 28; 14:17, 23 16, 15; 21; 25 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 12; 25; 35: 16; 35: 19 12; 25; 25; 35: 12; 25; 36: 12; 22; 12; 25; 36: 12; 22; 12; 25; 36: 12; 22; 12; 25; 36: 12; 22; 16; 25: 6 12; 25; 25; 36: 12; 22; 16; 25: 6 12; 25; 25; 36: 12; 22; 10; 12; 12; 12; 12; 12; 12; 12; 12; 12; 12	-			conduits 11:20	
books 7:16:9:16, 18 3:62:10:63:22 currisult (2) currisult (2) <thcurrisult (2)<="" th=""> currisult (2) cur</thcurrisult>				confrontation 65:6	current 5:8
Jobis 17:00 Careful 62:9 Careful 62:9 </td <td></td> <td></td> <td></td> <td>CONOMY 4:1, 7; 22:20;</td> <td>curriculum 6:21</td>				CONOMY 4:1, 7; 22:20;	curriculum 6:21
both 3211, 43.66, 49.25; caregiver 59:25 consume 72:91:75 consume 72:91:72		careful 62:9		74:12; 77:19	
Consequences 0.19 consequences 0.19 consequences 0.19 cut 217: 37:11 box 66:15 carcijvers 59:1, 13, 14; circumstances 23: 6; consider 44:24; 55: 2; consider 44:24; 55: 2; brandord 59:24; 60:12 cartiol 28:1; 41:17, 23 cartiol 28:1; 41:17, 23 consider 44:24; 55: 2; consider 44:24; 55:	-	caregiver 59:25	-	consequence 51:10	
bx 66:15 61:5: 1, 27:8, 27: 25: 52: 1, 25: 27: 25: 15: 32: 19: 43: 53: 19: 43: 53: 10: 42: 23: 44: 44: 55: 20: 10: 42: 23: 44: 45: 52: 20: 10: 42: 23: 44: 44: 55: 20: 10: 42: 23: 44: 45: 52: 20: 10: 42: 23: 44: 45: 55: 56: 56: 56: 56: 56: 56: 56: 56: 5				consequences 40:19	
Diversity Diver					
Drain 10 19 24, 1019, 20, 113, 21, 122, 1317, 19 cartion 27-25, 351, 163, 32 consumed 729, 17, 23 consumed 729, 17, 23 113, 21, 122, 133, 17, 19 cae 413, 17, 77, 14, 19, 1910, 20, 67, 76, 21, 24, 214, 24, 24, 44, 20, 24, 44, 455, 84, 11, 16, 102, 118, 17, 19, 1910, 20, 67, 76, 11, 18, 20, 22, 12, 21, 31, 12, 19, 1910, 20, 67, 76, 61, 18, 676, 611, 24, 23, 44, 44 consumed 729, 17, 23 consumed 729, 17, 23 20, 25, 60, 15, 64, 11, 15, 20, 63, 4, 6, 11, 15, 20, 63, 4, 6, 11, 15, 20, 63, 4, 6, 11, 13, 25, 20, 10, 27, 12, 33, 25, 708, 91, 102, 21, 22, 12, 41, 23, 77, 23, 49, 112, 16, 102, 113, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12		carotid 28:1; 41:17, 23			
Diam Consultative 14:6 Open 12:2; 13:17, 19; 13:3, 21:12.2; 13:17, 19; Case 4:15, 17, 71:2, 19; Citations 8:12; 99, 15 Consultative 14:6 Open 12:0; 71:2, 19; 13:12, 22:13, 14; 19; Case 4:15, 17, 71:2, 19; Citations 8:12; 99, 15 Consultative 14:6 Open 12:0; 71:1, 14: 13:12, 22:13, 14; 13:0; 19:10; Case 4:15, 17, 71:2, 19; Citations 8:12; 99, 15 Consultative 14:6 Open 12:0; 71:1, 14: 13:12, 22:13, 71; 71:2, 19; Consultative 14:6 Consultative 14:6 Consultative 14:6 Consultative 14:6 14:14:457; 8, 11, 16; Consultative 14:6 Consultative 14:6 Consultative 14:6 Consultative 14:6 15:12; 21:12; 11:11; 11:1; Consultative 14:6 Consultative 14:6 Consultative 14:6 Consultative 14:6 15:12; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:2; 21:4; 21:3; 21:3; 21:2; 21:3; 21:4; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3; 21:3;					
11:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1		cartoon 27:25; 35:1; 68:3			
33:13: 24:346: 35:2 8:4:9:221, 23: 14:18: 17.7, 19:19:10; 20:6; 7.8:21, 24:21:4, 25; 20; 22:12, 21; 31:12; 20:63:7, 65:7, 10; 21:47:47:15, 20; 22:12, 21; 31:12; 20:63:7, 65:7, 10; 20; 22:12, 21; 31:12; 20:63:7, 65:7, 10; 20; 22:12, 21; 31:12; 20:63:7, 65:7, 10; 20; 22:12, 21; 31:12; 20:63:7, 65:7, 10; 20; 22:12, 21; 31:12; 20:63:7, 65:7, 65:14, 18; 67:6, 10; 20:35:7, 65:7, 65:14, 18; 67:6, 10; 21:8; 22:22; 20:35:7, 65:7, 65:14, 18; 67:6, 10; 21:8; 22:22; 20:31:7, 20:35:7, 65:7, 65:14, 18; 67:6, 10; 21:8; 22:22; 20:37:7, 20:35:7, 65:7, 65:14, 18; 67:6, 10; 21:8; 22:22; 20:37:7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:37.7, 20:		1			
36:2:38:1,8, 14;396, 11, 8;40:2;43:67, 10, 44:14;457, 8, 11, 16; 46:2, 3, 41; 57:15, 20; 22:12, 21; 31:12; 46:1; 457, 8, 11, 16; 46:2, 3, 41; 57:15, 20; 22:12, 21; 31:12; 40:15; 45:19; 95:65; 75:15; 40:15; 45:19; 25:2; 40:15; 45:19; 45:25; 45:25; 40:15; 45:19; 45:25; 45:25; 41:16; 45:15; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:21; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:21; 45:25; 45:21; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:21; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:25; 45:2					· · · · · · · · · · · · · · · · · · ·
18:40:22:430, 7.10; 20:07:19; 21:21; 21:2; 20:22:12; 21:31:12; clear 22:16; 25:6 contention 70:17 46:2, 57, 23: 49:11, 15; 20:22:12; 21:31:12; cleary 5:11; 40:14 continue 13:15; 33:1; D: 65:7; 66:14; 18; 67:6; 20:25:7; 20:25; 60:15; 66:11, 15; casual 25:2 cleary 5:11; 40:14 continue 06:3:1 Continue 06:3:12 continue 06:3:1 20:65:7; 66:14; 18; 67:6; casual 25:2 casual 25:2 continue 06:3:1 continue 06:3:1 continue 06:3:1 20:10; 21:72:47; 53:0 prash 3:25 casual 25:2 close 7:24; 41:23; 77:10 continue 06:3:1 con					n
14:14;35:76:11,10; 10:15:13:12;16; 12:15:13:12;16; 12:15:13:12;16; 16:2;3:4;17;5:16:11,12; casue 5:6;7;18:12;16; clerical 66:12 Continuel 3:15;33:1; D 66:9;12 10:2;6:37;6:14,18;6:76; casual 25:2 clinical 7:24 Continued 63:21 Continued 63:21 10:2;6:37;6:14,18;6:76; casual 25:2 clinical 7:24 Continued 63:21 Continued 63:21 10:2;6:37;6:14,18;6:76; casual 25:2 clinical 7:24 Continued 63:21 Continued 63:21 10:2;1:6:37;2:5;70:8; casual 25:2 clise 7:24;41:23;77:10 Clises 69:15 Continued 64:16 Continued 64:16 11:6:11:12;1:11:12;1:11;12:11;11:12;11:11;12:11;11:12;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;12:11;11:11;11:11;12:11;11:11;12:11;11:11;11:11;12:11;11:11;11:11;12				-	
487,7,23;499,1112, 20,25;7;614,18;67; cases 5:6.7;18:12,16; 19:8,13,25 clerical 66:12 42:21 continued 63:21 20,25;7;614,18;67;614,18;67;6 19:8,13,25 causal 25:2 clinical 7:24 continued 63:21 continued 63:21 20,657;6614,18;67;614,18;67;6 causal 73:9 causal 73:9 continued 63:21 continuous 31:24;32:5 9,10,12;71;24;73:10 causal 73:9 causal 73:9 control 24:17,23;77:10 close 7:24;41:23;77:10 close 7:24;41:23;77:10 close 7:24;41:23;77:10 close 7:24;41:23;77:10 close 7:24;41:32;77:10 close 7:24;41:32;77:14 control 13:5					D ((D 1 D
20, 25; 00:15; 64:11, 45; 20; 657; 66:14, 48; 677; (10, 21; 683; 46; 11], 35; 99:16; 19, 23, 23, 25; 70; 8; 910, 12; 712; 47; 73:10 198, 13, 25; causal 25:2 continued 63:21 da-d-d-d-d-d-d-d-d-d-d-d-60:20 198, 13, 25; 910, 12; 712; 47; 73:10 causal 25:2 continued 63:21 continued 63:21 da-d-d-d-d-d-d-d-d-d-d-d-d-d-d-d-d-d-d			-		
20:657:6614.18; 67:6, 10, 21; 68:3, 4, 6, 11, 13; 69:16, 19, 23, 23, 25; 70:8, 10, 12; 71:24; 73:10 casual 25:2 causal 73:9 casual 25:2 causal 73:9 continuing 52:9 causal 22:9, 17; 23:17; causal 22:5, 17; 23:17; cause 23:7, 12; 27; 28; 55:5; 26; 21; contributed 64:16 continuing 52:9 cantraut 20:10; 23:17; 43:22; contributed 64:16 damage 23:17 damage 23:17; damage 23:17; 43; contributed 64:16 breath 60:18, 20; 63:8 breathing 64:25 brief 74:10 briefly 10:13; 34:23 Bruce 15:17 course 45:17 causes 47:13 cause 42:13; 54:1; 63:7, 10; 64:12 causing 38:15 ccerters 49:24 ccerebal 11:11; 12; 13:1, 18; 26:8; 28:23:36; 11; contron 12:4; 17, 20; cause 13:17, 12; 25:27; 8; 55:5; 55:7; 75:19; 26:5, 24; 35:25; cause 33:10 certain 11:7; 17:24; 32:27; call 43; 16:21; 33:2; call 44; 16:21; 13:2; call 44; 16:21; 13:2; call 44; 16:21; 33:2; call 44; 19:12; 13:2; call 44; 19:12; 13:2; call 44; 19:12; 13:2; call 44; 19:12; 13:2; call 44; 19:2; 13:2; call 44; 19:12; 13:2; call 44; 19:2; 14; 23; 22:2; call 44; 19:2; 14; 23; 22:2; call 44; 19:2; 14; 23; 22:2; call 44; 14; 13:16; 21; 23:2; call 44; 14; 13:16; 21; 24; 22:2; call 44; 14; 13:16; 21; 24; 22:2; call 44; 14; 13:16; 21; 24; 22:2; call 44; 14; 13:16; 21; 24; 22:			2		
10. 21:68:3,4, 6, 11, 13: 69:16, 19, 23, 23, 25; 70:8, 9, 10, 12; 71:24; 73:10 causal 73:9 causal 73:9 causal 73:9 causal 73:9 causal 73:9 causal 73:9 causal 73:9 causal 73:9 causal 73:9 continue 31:24; 32:5 continuous 31:24; 32:5 damage 25:17 causage 25:17 break 41:12 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :			1		
69:16, 19, 23, 23, 25; 70.8, 91.0, 12; 71:24; 73:10 causation 21:8; 22:22; 23:17 close 7:24; 41:23; 77:10 contrast 27:7; 48:22; data 32:7 data 32:7 branches 62:25; 63:2 cause 22:5; 17; 23:17; 27:9; 39:15; 41:9; 42:13, breaks 41:16 cause 22:5; 17; 23:17; 27:9; 39:15; 41:9; 42:13, 21:43:15; 50:12; 51:1; 54:11; 59:21; 51:9; 61:6, breath 60:18, 20; 63:8 cause 22:5; 17; 23:17; 27:9; 39:15; 41:9; 42:13, 21:43:15; 50:12; 51:1; 54:11; 59:21; 51:9; 61:6, breath 60:18, 20; 63:8 cause 37:24; 64:20; 70:10 control 13:5 control 13:5 data 41:13; 17:3; 30: date 14:13; 17:					
23:17 23:17 23:17 23:17 breaches 62:25:63:2 23:17 23:17 closed 69:15 71:7 closed 69:15 breakdown 5:8 21:43:15; 50:12; 51:1; 54:11; 59:2, 15, 19; 61:6; 54:11; 59:2, 15, 19; 61:6; 63:1; 72:21, 24 contributing 64:12 contributing 64:12 breath 60:18, 20; 63:8 caused 37:24; 64:20; 70:10 colease 42:13; 54:1; 63:7; colease 43:10 conversation 64:7 conversation 64:7 date 6:22, 23; 17:14; 30:16; 34:12; 75:6 breath 60:18, 20; 63:8 caused 37:24; 64:20; 70:10 colease 42:13; 54:1; 63:7; collaboration 54:22 conversation 64:7 date 6:10 date 6:10 briefly 10:13; 34:23 causes 42:13; 54:1; 63:7; collaboration 54:22 conversation 64:7 copy 14:17 dea 16:14 dea 16:14; dea 16:12; dea 16:14;			· ·		
Cause 22:5, 17; 23:17; cause 23:5, 17; 23:17; cause 23:5, 17; 23:17; cause 23:5, 17; 23:17; cause 23:5, 17; 23:17; cause 37:24; 64:20; contributed 64:16 contributed 64:16 contributing 64:12 contributing 6			1		
Dreak 41:12 27:9:39:15; 41:9:42:13, 21; 43:15; 50:12; 51:1; 54:11; 59:2; 15; 19; 61:6, 14, 18 contributing 64:12 contributing 64:12 contributing 64:12 control 13:5 breakdown 5:8 21; 43:15; 50:12; 51:1; 54:11; 59:2; 15; 19; 61:6, 14, 18 14, 18 contributing 64:12 contributing 64:12 breakdown 5:8 14, 18 caused 37:24; 64:20; 70:10 colaboration 54:22 convenience 13:25 date 14:13; 17:3; 30: dates 16:10 brieft 74:10 caused 37:24; 64:20; 70:10 color 34:10 convenience 13:25 day 16:21; 74:24; 75:11 brieft 74:10 causes 42:13; 54:1; 63:7, 10; 64:12 commit 29:16; 64:23 conporation 13:23 deat 61:14 Browns 45:17 causes 42:13; 54:1; 63:7, 10; 64:12 common 12:4; 17, 20; conmon 12:4; 17, 20; 13: 26; 28:28; 23:6; 16:12 correspondence 16:11, 25; 17:5 deat 11:2; 13: 17: 17:5 Bruce 15:17 cerebral 11:11, 12; 13:1, 18; 26:8; 28:23:6; 16; 9; 43:7; 54:1 common 12:4; 17, 20; 18:24; 19:17; 20:3, 5; 20:15; 19; 26:5; 56:56:56; 56:16; 18:22; 63:13; 77:9 cough 63:8 cough 63:8 cough 63:8 cough 63:8 cough 63:8 cough 63:8 cough 63:8; 16:12 cough 63:8; 16:12 cough 63:8; 16:12 cough 63:7; 23: 63:21; 64:1; 19:20; 26:15; 38:23; 44:2; 49:20 compattmental 71:24 cough 63:8; 16:12 cough 63:8; 16:12 cough 63:7; 23: 63:21; 64:1; 26:15;		cause 22:5, 17; 23:17;		contributed 64:16	
Dreakdown 5:8 21; 43:15; 50:12; 51:1; breath 60:18, 20; 63:8 21; 43:15; 50:12; 51:1; breath 60:18, 20; 63:8 control 13:5 control 13:5 control 13:5 breakdown 5:8 14, 18 coused 37:24; 64:20; 70:10 colds 39:5 convention 68:23 day 16:21; 74:24; 75:1 breath 10; 13; 34:23 causes 42:13; 54:1; 63:7, 10; 64:12 colds 39:16; 64:23 convention 68:23 covention 68:23 Bruce 15:17 causes 42:13; 54:1; 63:7, 10; 64:12 comment 20:23; 22:4, cerebellum 70:2 copp 14:17 dead 61:14 Bruce 15:17 cerebellum 70:2 common 12:4, 17, 20; cerebellum 70:2 correctly 32:19 deals 10:10; 14:2 business 47:13 18; 26:8; 28:2; 33:6; 16, 39:21; 40:25; 41:6; 9; 43:7; cab 17:12 cormon 12:4, 17, 20; 17; 18; 34:51; 27; 78; 55:5; 56:18; common 12:4, 17, 20; cerebrovascular 19:20; 23:15; 19; 26:5; 24: 35:2; calf 47:16 commonplace 40:8 complaints 24:23; 74:18 count 4:23 counting 57:23 deads 10:10; 14:2 Call 14:3; 16:21; 33:2 certain 11:7; 17:24; 32:7; call 42:15; 19; 20:5; 24:35:25; call 44:13 certain 11:7; 17:24; 32:7; call 42:2; 52:0; 28:20; 38:5; 10; 43:13; 64:13 certain 11:7; 17:24; 32:7; call 44:13; 16:21; 33:2 certain 12:1; 59:5; complaints 24:25 couple 34:7; 37:16; couple 47:3; 37:16; call 44:13; 37:8; 41:3 defects 38:10 call 14:3; 16				contributing 64.12	
breaks 41:16 54:11; 59:2, 15, 19; 61:6, breath 60:18, 20; 63:8 id, 18 14, 18 coach 45:17 coach 45:17 convenience 13:25 convention 64:7 dates 16:10 breath 60:18, 20; 63:8 14, 18 caused 37:24; 64:20; 70:10 coach 45:17 convention 64:7 day 15:17; 63:12; 67: 77:11, 12, 12 briefly 10:13; 34:23 10; 64:12 couses 42:13; 54:1; 63:7, 10; 64:12 combined 39:16; 64:23 copies 65:14, 16, 17 deat 61:14 Browns 45:17 causes 42:13; 54:1; 63:7, 10; 64:12 commine 20:23; 22:4, commen 12:4; 17; 20:3, 5; correctly 32:19 deats 10:10; 14:2 built 76:12 cerebellum 70:2 common 12:4, 17; 20:3, 5; correspondence 16:11, 18:24; 91:17; 20:3, 5; correspondence 16:11, 25:17:5 deats 10:10; 14:2 built 76:12 cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6, 16, 17; 18; 34:5, 12; 55:5; 56:18; commonplace 40:8 correspondence 16:11, 25:17:5 deats 10:10; 14:2 call 42:5; 50:70:72 cerebrovascular 19:20; 20:17; 70:7, 21 commonplace 40:8 count 42:3 count 57:23 14, 18, 23; 63:21; 64:17 call 42:5; 20; 28:20; 36:15; 38:23; 44:12 certainly 20:3; 21:25; call 42:17; 52:20; 22:20; 36:15; 38:23; 44:2; 49:20 complaints 24:25; 20:15; 42:22; 24; 52:20; 20:15; 23:2; 24; 52:20; 20:15; 23:2; 24; 52:2; 20:15; 24:22; 24; 5					
breath 60:18, 20; 65:8 14, 16 collaboration 54:22 convention 68:23 day 15:17; 63:12, 67: brief 74:10 caused 37:24; 64:20; collaboration 54:22 conversation 64:7 77:11, 12, 12 briefly 10:13; 34:23 briefly 10:13; 54:1; 63:7, combined 39:16; 64:23 conversation 64:7 77:11, 12, 12 briefly 10:13; 34:23 caused 37:24; 64:20; combined 39:16; 64:23 conversation 64:7 77:11, 12, 12 briefly 10:13; 34:23 caused 37:24; 64:20; combined 39:16; 64:23 conversation 64:7 copies 65:14, 16, 17 deal 51:6, 77:9, 77:11 Bruce 15:17 cerebellum 70:2 cormom 12:4, 17, 20; correctly 32:19 deals 10:10; 14:2 built 76:12 cerebal 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6; 16, 18:42; 19:17; 20:3, 5; correspondence 16:11, Dean 15:6, 10, 19; 21: fy 12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 21 commonplace 40:8 count 4:23 count 3:24, 17; 37:16; decais 16:1, 5 decais 16:1, 5 <td></td> <td></td> <td></td> <td>1</td> <td></td>				1	
Breathing 64:25 Causes 17:24, 04:20, 77:10, 77:11, 12, 107. brief 74:10 70:10 color 34:10 conversation 64:7 77:11, 12, 12 brief 74:10 70:10, 64:12 combined 39:16, 64:23 copies 65:14, 16, 17 de 41:8 British 9:6 causing 38:15 commont 20:23; 22:4, 17; 60:16 copy 14:17 dealing 29:19; 32:6 Bruce 15:17 cerebellum 70:2 commont 12:4, 17, 20; 18: 24; 19:17; 20:3, 5; 20; 17:5 correctly 32:19 dealing 29:19; 32:6 built 76:12 cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6, 16, 17, 18: 34:5, 12; 35:4, 20; 32:14; 69: 43:7; 49:2, 2, 3, 4; 16: 9, 43:7; 49: 22; 14:6, 9; 43:7; 49: 22; 14:6, 9; 43:7; 49: 22; 14:6, 9; 43:7; 49: 22; 11:5, 18; 49:2, 2, 3, 4; 19:17; 20:3, 5; 20:14; 49:12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 21 commonplace 40:8 count 4:23 59:3, 5, 15, 18, 19; 61:7 C 8:18; 34:19, 23; 59:24 cerebrovascular 19:20; 23:14, 10; 61:42; 22; 24; 52:20; 53:11, 10 compartmental 71:24 counts 72:14 decade 18:6, 15 C ady 34:10 certain 11:7; 17:24; 32:7; called 4:2; 5:20; 28:20; 38:5, 10; 42:19 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 compatimental 71:24 courts 72:14 decade 18:6, 15 call 14:3; 16:21; 33:2 certificate 15:11; 59:5, 19: 26: 24; 35:27; complications 52:13, 16 complications 52:13, 16 courge 30:7; 39:4; 14:7; 44:0; 64:17				1	
brief 74:10 74:10 74:11, 12, 12, 12 brief 74:10 causes 42:13; 54:1; 63:7, 10; 64:12 comined 39:16; 64:23 copies 65:14, 16, 17 de 41:8 British 9:6 causing 38:15 coming 28:1, 25; 36:21 copy 14:17 dead 61:14 Browns 45:17 cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6; 16, 17; 20:3; 5; correspondence 16:11, 18; 26:12; 22:2; 23:6; 16, 18; 24:19:17; 20:3; 5; correspondence 16:11, 19:16; 53:22; 54:1, 11; built 76:12 cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6; 16, 18; 26:3; 28:2; 33:6; 16, 18; 26:4; 28:2; 33:6; 16, 12; correspondence 16:11, 19:16; 53:22; 54:1, 11; coursel's 16:12 coursel's 16:12 death 12:2; 13:17; 15: C 89:21; 40:25; 41:6; 9; 43:7; 49:12; 22:7, 85:55; 56:18; 69:21; 70:7, 21 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:13; 74:19 count 4:23 count 72:14 count 72:14 count 72:14 count 72:14 cecision 64:22, 23 call 14:3; 16:21; 33:2 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 complet e1:8; 71:16 course 10:2; 16:22; defets 38:10 call 37:8; 41:3 certainly 20:3; 21:25; complet e15:11 comport 52:1 course 6:9 defets 38:10 call 37:8; 41:3 certificate 15:11; 59:5, 12:6 comport 52:1 course 6:9 defets 38:10 de	-			1	
Orienty 10:15; 34:23 Dit 10: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:17: 0:1					
British 9:6 causing 38:15 comment 20:23; 22:4, 17; 60:16 correctly 32:19 cels 1:16; 7:19; 71:13 Bruce 15:17 cerebellum 70:2 cerebellum 70:2 correctly 32:19 correctly 32:19 cels 1:16; 7:19; 71:13 built 76:12 cerebral 11:11, 1, 12; 13:1, 18; 26:8; 28:2; 33:6; 16, 17; 18; 34:5; 12; 35:4; 20; 39:21; 40:25; 41:6; 9; 43:7; 49:12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 21 commonplace 40:8 counting 57:23 counting 57:23 deal 10:10; 14:2 C 8:18; 34:19, 23; 59:24 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:18; 69:21; 70:7, 21 commonplace 40:8 counting 57:23 deal 18:6, 15 C 8:18; 34:19, 23; 59:24 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:18; 69:21; 70:7, 21 commonplace 40:8 counting 57:23 14, 18, 23; 63:21; 64:17 call 14:3; 16:21; 33:2 certain 11:7; 17:24; 32:7; called 4:2; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 counting 57:23 counting 57:23 defect 37:24 calls 37:8; 41:3 certificate 15:11; 59:5, cane 60:25 certificate 15:11; 59:5, comports 53:17 courses 6:9 courses 6:9 courses 6:9 cefendants 4:2 19: 16:8, 23 comports 51:11 comports 51:11 courses 6:9 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2 call 14:3; 71:16; 21:4; 56:7	-				
Browns 45:17 Centers 49:24 17; 60:16 correctly 32:19 dealing 29:19; 32:6 built 76:12 cerebellum 70:2 cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6, 16, 17, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; 17; 60:16 correctly 32:19 dealing 29:19; 32:6 C cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6, 16, 17, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; 17; 60:16 correspondence 16:11, 18:24; 19:17; 20:3, 5; correspondence 16:11, 18:24; 19:17; 20:3, 5; C 8:18; 34:19, 23; 59:24 cerebrowascular 19:20; 25:15, 19; 26:5, 24; 35:25; 21:15, 18; 49:2, 2, 3, 4; coumplace 40:8 commonplace 40:8 count 4:23 59:3, 5, 15, 18, 19; 61:7 C all 47:16 36:1; 42:22, 24; 52:20; 36:1; 42:22, 24; 52:20; 74:18 counts 72:14 decade 18:6, 15 call 47:16 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 course 10:2; 16:22; defect 37:24 called 42; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 course 6:9 Defendant's 4:10; 61:1 call 47:16 certainly 20:3; 21:25; comport 53:17 course 6:9 Defendant's 4:2 calls 37:8; 41:3 certificat 15:11; 59:5, comports 53:17 course 6:9 Defendant's 4:2	British 9:6		-	1 · ·	1
Bruce 15:17 cerebellum 70:2 committee 7:5 correlate 35:4 deals 10:10; 14:2 built 76:12 cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6, 16, 17, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; Committee 7:5 correspondence 16:11, 18:24; 19:17; 20:3, 5; correspondence 16:11, 25; 17:5 Dean 15:6, 10, 19; 21:7 C 8:18; 34:19, 23; 59:24 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:1; 42:22, 24; 52:20; commonplace 40:8 commonplace 40:8 count 4:23 deals 10:10; 14:2 cab 17:12 25:15, 19; 26:5, 24; 35:25; 36:1; 42:22, 24; 52:20; compartmental 71:24 count 4:23 59:3, 5, 15, 18, 19; 61:7 call 14:3; 16:21; 33:2 certain 11:7; 17:24; 32:7; complete 41:8; 71:16 counting 57:23 defact 37:24 columplate 40:8 complete 41:8; 71:16 counting 57:23 defact 37:24 decision 65:1, 5 call 14:3; 16:21; 33:2 certain 11:7; 17:24; 32:7; complete 41:8; 71:16 counter 52:1 course 10:2; 16:22; defect 37:24 calls 37:8; 41:3 certificate 15:11; 59:5, comports 53:17 course 6:9 Defendant's 4:10; 6:16 call 57, 13; 71:19; 92; 10:6, 19: 61:8, 23 comports 53:17 course 6:9 Defendant's 4:2	Browns 45:17	-		-	
built 76:12 cerebral 11:11, 12; 13:1, 18; 26:8; 28:2; 33:6, 16, 17, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; 49:12; 52:7, 8; 55:5; 56:18; cab 17:12 common 12:4, 17, 20; 18:24; 19:17; 20:3, 5; 21:15, 18; 49:2, 2, 3, 4; 54:1 correspondence 16:11, 25; 17:5 Dean 15:6, 10, 19; 21:175 C 8:18; 34:19, 23; 59:24 cab 17:12 59:21; 70:7, 21 commonplace 40:8 69:21; 70:7, 21 commonplace 40:8 commonplace 40:8 counting 57:23 death 12:2; 13:17; 15: 59:3, 5, 15, 18, 19; 61:7 C 8:18; 34:19, 23; 59:24 cab 17:12 cerebrovascular 19:20; 36:1; 42:22, 24; 52:20; 53:1, 10 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:15; 38:23; 44:2; 49:20 compartmental 71:24 complaints 24:25 counting 57:23 decade 18:6, 15 call 14:3; 16:21; 33:2 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 coupled 73:23, 25 defect 37:24 call 14:3; 16:21; 33:2 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 coupled 73:23, 25 defect 37:24 call 37:8; 41:3 certificate 15:11; 59:5, 14; 16:21; 33:12 certificate 15:11; 59:5, 19; 61:8, 23 comports 53:17 courses 6:9 Defendants 4:2 cane 60:25 certified 4:5 comports 53:17 courses 6:9 Defendants 4:2 defense 5:7, 12; 16:2 defense 5:7, 12; 16:2 <td< td=""><td>Bruce 15:17</td><td></td><td></td><td></td><td></td></td<>	Bruce 15:17				
Dusiness 47:13 18; 26:8; 28:2; 33:6, 16, 17, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; 49:12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 21 18:24; 19:17; 20:3, 5; 21:15, 18; 49:2, 2, 3, 4; 54:1 25; 17:5 75:10 C 8:18; 34:19, 23; 59:24 cab 17:12 18; 26:8; 28:2; 33:6, 16, 17, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; 49:12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 21 18:24; 19:17; 20:3, 5; 21:15, 18; 49:2, 2, 3, 4; 54:1 25; 17:5 75:10 C 8:18; 34:19, 23; 59:24 cab 17:12 Cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:1; 42:22, 24; 52:20; 53:1, 10 18:24; 19:17; 20:3, 5; 21:15, 18; 49:2, 2, 3, 4; 54:1 25; 17:5 75:10 C ady 34:10 call 47:16 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:15; 38:23; 44:2; 49:20 18:24; 19:17; 20:3, 5; 21:15, 18; 49:2, 2, 3, 4; 54:1 commonplace 40:8 count 4:23 count 4:23 death 12:2; 13:17; 15: C ady 34:10 certain 11:7; 17:24; 32:7; called 4:2; 5:20; 28:20; 38:5, 10; 42:19 certain 11:7; 17:24; 32:7; 64:1 completeness 65:24 counpleteness 65:24 course 10:2; 16:22; 18:15; 26:8; 30:7; 39:4; defect 37:24 C adi 37:8; 41:3 certificate 15:11; 59:5, 19; 61:8, 23 comports 53:17 course 6:9 Defendants 4:2 C an 6:7, 13; 7:1; 9:9; 10:6, 14, 16; 11:18, 23; 12:4, 6; certified 4:5 comports 53:17 course 6:9 Defendants 4:2		1		-	
C17, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; 49:12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 2121:15, 18; 49:2, 2, 3, 4; 54:1cough 63:8 counsel's 16:12death 12:2; 13:17; 15: 19:16; 53:22; 54:1, 11; 59:3, 5, 15, 18, 19; 61:7C 8:18; 34:19, 23; 59:24 cab 17:12 cab 17:12 cab 17:1217, 18; 34:5, 12; 35:4, 20; 39:21; 40:25; 41:6, 9; 43:7; 49:12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 21 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 36:1; 42:22, 24; 52:20; 53:1, 1021:15, 18; 49:2, 2, 3, 4; 54:1cough 63:8 counsel's 16:12 count 4:23death 12:2; 13:17; 15: 19:16; 53:22; 54:1, 11; count 4:23calf 47:16 calf 47:16 call 4:2; 5:20; 28:20; 38:5, 10; 42:19certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 certainly 20:3; 21:25; 64:1certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 certainly 20:3; 21:25; 64:1complete 41:8; 71:16 complete 41:8; 71:16 complete 18:6; 15cough 63:8 count 4:23decision 65:1, 5 decision 65:1, 5call 4:2; 5:20; 28:20; 38:5, 10; 42:19certificate 15:11; 59:5, 19; 61:8, 23certificate 15:11; 59:5, 19; 61:8, 23comports 53:17 composite 71:20 court 5:14; 34:24; 66:16 compromise 51:11course 6:9 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2	business 47:13			25: 17:5	
C 39:21; 40:25; 41:6, 9; 43:7; 49:12; 52:7, 8; 55:5; 56:18; 69:21; 70:7, 21 54:1 counsel's 16:12 19:16; 53:2; 54:1, 11; 59:3, 5, 15, 18; 19; 61:7 C 8:18; 34:19, 23; 59:24 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 66:1; 42:22, 24; 52:20; 54:1 counsel's 16:12 19:16; 53:2; 54:1, 11; 59:3, 5, 15, 18; 19; 61:7 C ady 34:10 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 66:1; 42:22, 24; 52:20; compartmental 71:24 counts 72:14 decade 18:6, 15 C all 47:16 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 counsel's 10:2; 16:22; defect 37:24 C alls 37:8; 41:3 certificate 15:11; 59:5, 19; 61:8, 23 certificate 15:11; 59:5, 19; 61:8, 23 composite 71:20 course 6:9 Defendant's 4:10; 6:11 C and 67, 13; 7:1; 9:9; 10:6, 14, 16; 11:18, 23; 12:4, 6; certified 4:5 compromise 51:11 course 51:11 course 6:9 Defendants 4:2					
49:12; 52:7, 8; 55:5; 56:18; commonplace 40:8 count 4:23 59:3, 5, 15, 18, 19; 61:7 cab 17:12 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; 74:18 counts 72:14 decade 18:6, 15 cady 34:10 25:15, 19; 26:5, 24; 35:25; 36:1; 42:22, 24; 52:20; compartmental 71:24 couple 34:7; 37:16; decision 65:1, 5 call 47:16 53:1, 10 certain 11:7; 17:24; 32:7; complete 41:8; 71:16 couple 34:7; 37:16; decisions 64:22, 23 call 42:5; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 certain 11:7; 17:24; 32:7; complete ess 65:24 course 10:2; 16:22; defects 38:10 calls 37:8; 41:3 certificate 15:11; 59:5, comport 52:1 comport 52:1 51:23 14:17; 34:19, 23; 66:8 can 6:7, 13; 7:1; 9:9; 10:6, 19; 61:8, 23 comports 53:17 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2 can 6:7, 13; 7:1; 9:9; 10:6, 19; 61:8, 23 comports 53:17 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2 can 6:7, 13; 7:1; 9:9; 10:6, 19; 61:8, 23 comports 51:11 crater 37:1 definition 11:4	С				
C 8:18; 34:19, 23; 59:24 69:21; 70:7, 21 community 6:5; 44:23; counting 57:23 14, 18, 23; 63:21; 64:17 cab 17:12 25:15, 19; 26:5, 24; 35:25; compartmental 71:24 counts 72:14 decade 18:6, 15 C ady 34:10 36:1; 42:22, 24; 52:20; 36:1; 42:22, 24; 52:20; compartmental 71:24 couple 34:7; 37:16; decision 65:1, 5 call 47:16 53:1, 10 certain 11:7; 17:24; 32:7; complete 41:8; 71:16 coupled 73:23, 25 defect 37:24 called 4:2; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 certainly 20:3; 21:25; completeness 65:24 course 10:2; 16:22; defects 38:10 calls 37:8; 41:3 certificate 15:11; 59:5, comport 52:1 51:23 14:17; 34:19, 23; 66:8 came 60:25 certificate 15:11; 59:5, composite 71:20 courts 51:1; 34:24; 66:16 defense 5:7, 12; 16:2 can 6:7, 13; 71; 9:9; 10:6, 19; 61:8, 23 composite 71:20 court 51:1; 34:24; 66:16 defense 5:7, 12; 16:2 can 6:7, 13; 71; 9:9; 10:6, certified 4:5 composite 71:20 court 51:1; 34:24; 66:16 defense 5:7, 12; 16:2		49:12; 52:7, 8; 55:5; 56:18;	commonplace 40:8		59:3, 5, 15, 18, 19; 61:7, 8,
cab 17:12 cerebrovascular 19:20; 25:15, 19; 26:5, 24; 35:25; calf 47:16 74:18 counts 72:14 decade 18:6, 15 cady 34:10 36:1; 42:22, 24; 52:20; 53:1, 10 compartmental 71:24 complaints 24:25 counts 72:14 decision 65:1, 5 call 47:16 53:1, 10 certain 11:7; 17:24; 32:7; called 4:2; 5:20; 28:20; certain 11:7; 17:24; 32:7; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 completeness 65:24 coupled 73:23, 25 defect 37:24 calls 37:8; 41:3 certainly 20:3; 21:25; came 60:25 certificate 15:11; 59:5, 19; 61:8, 23 comport 52:1 composite 71:20 courses 6:9 Defendant's 4:10; 6:1 can 6:7, 13; 71:1; 9:9; 10:6, 14, 16; 11:18, 23; 12:4, 6; certified 4:5 compromise 51:11 crater 37:1 defense 5:7, 12; 16:2	C 8.18.34.19 23.50.24		-		14, 18, 23; 63:21; 64:17
Cady 34:10 25:15, 19; 26:5, 24; 35:25; compartmental 71:24 couple 34:7; 37:16; decision 65:1, 5 Cady 34:10 56:1; 42:22, 24; 52:20; complaints 24:25 couple 34:7; 37:16; decision 65:1, 5 call 47:16 53:1, 10 certain 11:7; 17:24; 32:7; complete 41:8; 71:16 coupled 73:23, 25 defect 37:24 called 4:2; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 certainly 20:3; 21:25; completeness 65:24 course 10:2; 16:22; defects 38:10 calls 37:8; 41:3 certificate 15:11; 59:5, comport 52:1 51:23 14:17; 34:19, 23; 66:8 came 60:25 certificate 15:11; 59:5, composite 71:20 courts 51:1; 34:24; 66:16 defense 5:7, 12; 16:2 can 6:7, 13; 7:1; 9:9; 10:6, 19; 61:8, 23 composite 71:20 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2 can 6:7, 13; 7:1; 9:9; 10:6, certified 4:5 composite 71:20 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2					
calf 47:16 53:1, 10 complaints 24:25 couple 54:7, 57:10, 58:12, 63:13, 74:9 decisions 64:22, 23 call 47:16 53:1, 10 certain 11:7, 17:24; 32:7, called 4:2; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 complete 41:8; 71:16 coupled 73:23, 25 defect 37:24 calls 37:8; 41:3 certificate 15:11; 59:5, came 60:25 certificate 15:11; 59:5, 19; 64:8, 23 composite 71:20 course 60:9 Defendants 4:2 can 6:7, 13; 7:1; 9:9; 10:6, 14, 16; 11:18, 23; 12:4, 6; certified 4:5 compromise 51:11 crater 37:1 defense 5:7, 12; 16:2			compartmental 71:24		
call 44:3;16:21;33:2 certain 11:7;17:24;32:7; complete 41:8;71:16 coupled 73:23, 25 defect 37:24 called 4:2;5:20;28:20; 36:15;38:23;44:2;49:20 completeness 65:24 coupled 73:23, 25 defect 37:24 calls 37:8;41:3 certificate 15:11;59:5, composite 71:20 courses 6:9 Defendants 4:2 can 6:7, 13; 7:1;9:9;10:6, 19;61:8, 23 composite 71:20 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2 14, 16; 11:18, 23; 12:4, 6; certified 4:5 compromise 51:11 crater 37:1 definition 11:4	-		complaints 24:25		1 · · · · · · · · · · · · · · · · · · ·
called 4:2; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 completeness 65:24 course 10:2; 16:22; defects 38:10 called 4:2; 5:20; 28:20; 36:15; 38:23; 44:2; 49:20 completeness 65:24 course 10:2; 16:22; Defendant's 4:10; 6:1 calls 37:8; 41:3 64:1 comport 52:1 51:23 14:17; 34:19, 23; 66:8 came 60:25 certificate 15:11; 59:5, composite 71:20 course 6:9 Defendants 4:2 can 6:7, 13; 7:1; 9:9; 10:6, 19; 61:8, 23 compromise 51:11 crater 37:1 defense 5:7, 12; 16:2		}	complete 41:8; 71:16		- · · · · · · · · · · · · · · · · · · ·
Called 4.2, 5.20, 28.20, Soft 3, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012, 5012,			completeness 65:24		
calls 37:8; 41:3 64:1 comport 52:1 51:23 14:17; 34:19, 23; 66:8 came 60:25 certificate 15:11; 59:5, comports 53:17 courses 6:9 Defendants 4:2 can 6:7, 13; 7:1; 9:9; 10:6, 19; 61:8, 23 composite 71:20 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2 14, 16; 11:18, 23; 12:4, 6; certified 4:5 compromise 51:11 crater 37:1 definition 11:4			complications 52:13, 16		Defendant's 4:10; 6:19;
came 60:25 certificate 15:11; 59:5, 19; 61:8, 23 composite 71:20 court 5:14; 34:24; 66:16 Defendants 4:2 can 6:7, 13; 7:1; 9:9; 10:6, 14, 16; 11:18, 23; 12:4, 6; certified 4:5 composite 71:20 court 5:14; 34:24; 66:16 defense 5:7, 12; 16:2			comport 52:1		
can 6:7, 13; 7:1; 9:9; 10:6, 14, 16; 11:18, 23; 12:4, 6; 19; 61:8, 23 certified 4:5 composite 71:20 compromise 51:11 court 5:14; 34:24; 66:16 crater 37:1 defense 5:7, 12; 16:2 definition 11:4			comports 53:17	courses 6:9	
Identified 11:18, 23; 12:4, 6; certified 4:5 compromise 51:11 crater 37:1 definition 11:4			-	court 5:14; 34:24; 66:16	defense 5:7, 12; 16:2
		\$	compromise 51:11	crater 37:1	
13:9, 12, 16, 21; 17:6; chamber 69:15 computer 65:17; 66:18; crayons 68:19 degenerative 12:8		chamber 69:15	computer 65:17; 66:18;	crayons 68:19	degenerative 12:8

blip - degenerative (2)

Min-U-Script®

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

degree 25:24; 26:14; 29:20; 32:24; 33:20;	diseases 12:7, 17 disorder 21:15	ears 25:1 ease 67:7	events 11:7; 44:8; 64:4, 6; 65:12; 73:5	fashion 68:8 fatal 24:11
40:17; 62:14; 73:17	dissect 13:1	easily 67:11, 12	eventually 12:14	fathers 42:8
degrees 26:17, 18	distributed 57:8	easy 22:7	Everybody 21:15	favor 5:15
demise 64:13	distribution 13:18; 27:2;	Echo 28:20, 23; 33:7, 7	everywhere 33:23; 46:25	favorite 71:21
demonstrate 71:23	33:5, 14, 15; 34:11; 35:14;	i	evidence 41:25; 54:5;	favors 5:12
demonstrates 58:17;	47:23; 69:21; 70:20, 24	echocardiogram 63:14	63:18; 71:14, 15	February 17:3; 66:20;
71:23	diverticulitis 24:23	education 6:4	evident 75:3	74:22, 23
demonstration 38:21;	divide 55:13	effect 42:12, 21; 51:22;	evolves 19:24	feel 25:9
41:18, 22	divides 37:22	72:10, 11		
densities 67:18	dividing 29:16	effective 13:24	evolving 24:10	femoral 38:12
depend 31:16; 50:3;	dizziness 24:24	effects 48:8	exactly 46:2; 54:12; 69:9	few 15:17; 67:23; 68:1
65:23		efficient 42:11	examples 12:9	fibrillation 30:8; 39:4
depends 21:3; 49:7	doctor 4:14; 6:8; 21:21; 23:15; 74:14, 24; 77:7, 9,	eight 48:3	exceeded 26:14	films 35:24; 66:15, 23
deposed 4:5, 22, 24	16	either 12:2; 21:21; 22:11;	excellent 41:14	Final 59:23; 60:1, 9
deposition 4:15; 15:8,	doctor's 58:7,9	31:20; 37:22; 58:22; 77:4	exhaust 12:25	finally 15:9
10, 19; 18:2, 10		EKG 58:14	exhausted 12:23, 24	find 9:11, 18; 39:6
depositions 17:2	doctorate 5:23	elderly 19:18, 19; 27:10;	Exhibit 6:19; 14:17; 30:5;	finding 38:14
-	document 30:5	40:8; 55:23	34:16, 19, 23; 66:12	Fine 54:22
derives 42:6	documented 9:2	Ellen 16:16	Exhibits 4:10; 66:8, 15	finger 49:22
describe 13:21; 34:24; 66:16	dollar 65:16			firm 17:19; 18:7, 13;
	Dominican 42:7	else 11:5, 17; 53:23;	exist 10:14	71:12
described 12:16	Don 59:24	59:10; 60:22; 61:10, 10;	existence 20:11	first 4:4; 17:6, 15; 35:1
describing 51:16	done 5:2; 9:21, 21, 25;	76:6	exit 20:11	67:5
descriptive 32:17	15:18; 25:9; 33:9; 34:25;	emboli 38:5; 44:21; 53:3;	expect 23:16; 25:17	fist 70:15, 15
Design 13:22	38:22; 64:3; 65:17; 66:19;	62:24	expectancy 22:24;	fit 7:24
destruction 10:20	68:5; 71:7, 10; 74:7; 77:7	embolic 13:10; 72:7, 8	23:21; 24:4; 25:16; 53:18	
Detroit 9:3	door 23:8	embolism 59:8, 9; 74:16,	experienced 64:11	five 45:15, 18, 21, 23
develop 39:5	Doppler 28:4, 14; 33:8	21; 75:16	expert 21:17	flipping 44:21
developed 64:15; 67:6	double-check 28:15	embolization 11:15, 18;	experts 8:14; 23:18	flow 7:21; 26:13; 27:6
development 26:7	down 31:1; 46:7; 51:4;	38:11; 40:19; 59:3; 61:7;	explain 42:11, 14; 45:17;	31:10; 32:12; 33:1, 3; 3
deviated 21:22	57:5, 10; 60:9; 68:14, 22;	62:18, 19, 20; 63:16; 73:10	66:13	18, 18; 43:18; 45:7, 12
1 1 1 1 1 1 1 1	70:6; 75:17	embolus 8:12; 19:16;	explanation 42:10	46:2, 15, 24, 25; 47:3, 10, 17; 49:19; 50:4, 4;
	downstream 33:4,5	20:15; 21:15; 41:15;	extending 77:10	66:14
diabetic 76:3	dozen 18:25; 19:1; 20:18;	51:11; 52:11; 59:20, 23;	extracranial 28:5	fluctuates 46:5
······	74:5	60:19, 21; 61:3, 19; 62:2,		focal 10:21; 11:2; 27:
diagnosis 59:23; 60:1, 9	Dr 4:16; 15:8, 10, 17, 19,	24; 63:3, 6	extrajudicial 5:21	23; 35:2, 8, 10, 13; 39:
die 62:1	20, 21, 22, 25; 16:4, 8;	embryonic 8:20	extraordinary 45:8	43:20, 21; 47:21; 52:1,
died 28:9, 11, 16; 39:8;	21:21; 22:11, 20; 39:20,	eminently 24:9	extremely 19:16	64:21; 65:8; 67:2; 69:2
64:17, 25	23; 48:1; 50:5, 6, 9, 24;	enclosed 15:11	eye 7:14	70:13, 19; 74:17
differences 50:3	51:2;60:12;75:10	end 13:16; 27:17, 18;		focality 43:9
different 35:5	draw 27:24; 28:3; 68:15	44:5; 46:8, 19, 22; 57:1;	F	follow 24:20; 57:12;
dilated 40:16; 62:16; 63:5	drawing 29:2	76:19		61:22
dilation 63.11	drew 68:4	ended 27:22	E ((.0.1(following 60:8
diminished 25:7; 72:15	driver 17:12	enjoy 6:17	F 66:9, 16	follows 4:6
dip 32:3; 57:5	drop 29:23	enough 31:22; 32:14;	faced 7:25	5
direct 51:10; 71:12	dropped 29:23	54:8, 18; 71:14; 75:13	facetious 37:11	foramen 37:24
-		ensuing 73:10	fact 20:1, 2, 7, 10; 24:20;	force 32:16
direction 68:11	drops 45:15, 19, 21; 57:10	entitled 45:7	35:22; 36:5, 5; 37:13; 71:3	forget 46:19; 53:4
disagree 40:2, 3, 3;		episode 44:13; 64:22	factors 49:8; 76:1	forgive 21:14
51:24; 56:15	drown 43:12	equation 20:14; 52:20	factory 72:12	form 6:7, 14; 17:1; 37:
disagreed 50:8	Drs 15:6	equipped 55:17	facts 8:4; 18:19, 20	39:11; 41:3; 56:18; 73:
disagreement 50:15, 19,	drugs 30:8; 57:18		failing 44:20, 20	forming 28:2
22	duly 4:4	era 8:20	failure 43:17	forms 13:25; 71:9
Disappearing 5:20	during 59:1; 61:5; 63:14;	erasable 69:17	failures 52:18	forth 25:2; 31:2; 68:13
discharge 59:21	74:17	err 31:19	fair 4:20; 20:24; 31:11;	found 26:9; 63:14
discharged 75:8		escape 42:9	35:7; 75:13	four 13:12; 18:14
discuss 10:23	E	essence 23:11	fairly 55:18; 67:10; 76:5	fragments 63:6
discussing 10:22; 23:2		evasive 21:7		-
discussions 11:14	E ((.0. 1"	even 5:5; 8:20; 26:17;	fairness 16:7; 22:19	frame 69:1, 8, 8; 71:10
disease 19:20; 25:5, 15,	E 66:9, 15	33:2; 45:22; 53:24; 54:3;	fall 47:3	framed 19:15
20, 24; 26:5, 24; 27:11;	ear 68:8	55:23, 24; 56:1; 76:13	falling 73:19	frames 67:3
35:25; 36:2; 39:24; 40:8,	earlier 31:4; 74:14; 75:14	evening 66:21	falls 26:19; 46:22	France 42:9
11, 12, 13, 22; 41:7, 22;	earliest 16:15	event 41:24; 42:14;	family 64:24	Fred 18:8
	early 8:19	43:13, 15, 19, 20, 21; 52:4;	far 31:22;69:24	frequently 17:11
42:23, 24; 52:20; 53:1, 10,				

Mehler & Hagestrom 1-800-822-0650

front 14:24 full 9:5 function 48:18, 24; 50:3 functions 38:23; 49:20 fundamental 50:19, 21 further 70:1 furthermore 25:23 futility 65:6

G

G 66:9 games 22:19 **general** 6:12; 10:14; 13:12; 15:8; 27:19; 43:9, 16; 44:24; 52:5; 55:4; 63:23; 64:4; 66:19; 76:24 generalized 64:11, 20 generally 10:2; 16:22, 25; 27:14; 39:10 generated 13:16;66:22 germane 7:12 gets 27:11; 45:10, 20, 22; 76:22 given 18:2; 19:10; 53:15, 24gives 47:25 global 34:2, 5; 43:6, 23; 46:24; 50:4; 52:22; 56:17; 70:23 aloss 31:3 glucose 43:18 God 41:9;74:8 goes 8:22; 29:22; 45:16; 57:10;63:4,6 good 5:16; 6:18; 18:18; 26:12; 34:14; 39:19; 41:14, 24; 47:13; 56:1 governmental 14:8 grams 46:3, 17 graph 31:16; 48:12; 66:14 gray 67:19, 19, 20 great 47:9; 55:25 grow 76:23 guess 18:25; 20:17 guessing 20:16

H

hair 13:3 half 31:4; 35:20; 72:20 hand 6:18; 14:16; 34:22; 68:7 handing 66:12 happen 27:4; 30:23; 32:21; 38:20; 43:3, 4; 73:19 happened 5:14; 25:23; 26:2; 27:4, 5; 31:18, 23; 32:10; 39:13, 16; 41:21; 43:2; 44:16; 62:6; 64:5; 69:6; 73:20

happens 13:19; 32:11, 11; 46:1; 47:19; 48:22; 49:17, 18; 62:18; 63:5; 65:10;70:24;71:1 happenstance 73:11 happy 10:8; 77:8 hard 9:19; 30:20; 59:9; 60:22; 61:16; 67:11 hardening 39:25 hardly 12:24 head 6:25:37:12 Health 13:21; 24:21; 76:8.9 healthy 24:17, 18, 21; 25:17; 46:4; 48:7; 54:1; 70:12 hear 50:16 heart 11:19, 21; 37:21; 38:6, 21, 24; 39:2, 6; 44:20; 45:15; 53:24; 54:5; 58:18; 63:4; 76:12 hearts 39:5 hemisphere 35:21; 48:24; 51:23; 52:7, 8; 69:4 hemispheric 51:12, 14, 19;52:5 hemodynamic 51:11 hemorrhage 12:3, 4 hemorrhagic 51:22 heparin 59:8: 60:21; 72:3, 10, 11, 16 heparin-induced 72:2, 25 here's 32:11; 57:5 hereinafter 4:5 herniated 64:15 herself 75:1 Herwig's 16:8 Hi 4:14 hide 42:8 high 29:15; 62:16, 22; 63:4 higher 46:19; 58:3; 76:4, 13 Highly 27:2; 37:14; 39:15 himself 42:9 history 26:4 hog 45:10,11 Hold 39:1 Holdsworth 9:7; 74:9, 13;77:1 hole 37:21; 38:21 home 45:16 honestly 19:12 hope 6:3: 34:4: 74:8 horn 17:12 Hospital 15:7, 8; 28:6, 17; 55:1; 58:7, 8; 60:25; 63:17; 66:19;74:17, 18; 75:2,6 hospitalization 38:23; 53:5; 59:2; 61:6; 64:2 hospitalized 19:5, 17; 73:5 hour 23:12; 31:4

hours 39:10; 67:25 hover 57:2 Howard 15:20, 21, 22, 24 huge 36:2 human 67:21 hundreds 5:1, 2; 9:18; 13:19;72:22 hypertension 40:18: 46:21;73:23 hypertensive 76:3 hyphenated 9:7 hypotension 8:13; 18:22; 19:2, 22; 20:13, 18; 25:22; 26:9; 36:4; 39:17; 43:11; 44:14, 25; 49:4; 55:7, 8; 56:22, 25; 57:3, 25:73:24,25 hypotensive 27:3; 55:3; 62:5 hypoxemia 60:18 T idea 56:2;71:6 identification 4:12; 34:20:66:10 identified 66:24, 25 identify 6:20 ill 18:22; 19:5 iliness 24:8, 11 illnesses 72:5 illogic 42:17 illogical 42:14 illuminate 71:10 **Image** 69:4, 8; 70:1; 71:22 imagine 34:9 imaging 15:12:35:6 immediately 68:14 impairment 26:14; 35:2, 3 impede 67:14.16 important 60:4 impossible 73:13 improbable 37:15 Inc 13:22 inch 55:19 include 41:12 includes 15:5:63:1 including 14:4; 64:6 increase 76:16 increasingly 5:15 indeed 62:2; 63:18 index 49:22 indicate 26:4; 28:23; 40:9; 58:25 indication 33:10 inefficient 42:14 inevitable 65:5

infarction 26:8; 33:4, 14, 22, 24; 36:2; 43:6; 44:15; 64:21; 68:3; 70:5, 9, 22; 71:23;73:11 infer 59:10 inference 21:9; 24:19; 40:6Inflammatory 12:7 influence 47:5, 10 information 65:18 injury 5:11; 43:10 inquisition 42:9 inside 14:8 instance 12:8; 13:2; 43:12instant 62:19; 64:17; 67:22 institutions 14:7 instruct 13:15 insufficiency 40:17; 62:15 insulting 45:18 intend 23:4.14 interested 6:16 interference 10:17 interject 21:24 intermediate 67:17 Interstate 35:17; 70:4 intertwined 21:9 intervention 63:23 into 9:22; 34:5; 37:25; 38:6, 7, 13; 55:25; 67:24; 70:11 inverse 47:6 inverted 68:23 invocation 42:13 invoke 42:1,2 involve 12:11, 15, 18; 49:25 involved 14:5: 43:25: 48:19, 23; 70:18 **involves** 14:6, 9, 9, 12 involving 51:22 ischemia 43:7; 56:18 ischemic 51:12, 14, 19 issue 7:17; 11:12; 22:4; 23:3issues 7:7, 12; 9:22; 22:17, 23, 24; 23:17; 50:13; 62:10; 75:15 J James 8:18

January 6:22, 24; 28:6, 8,

18, 23; 38:22; 75:9

JOHN 4:1, 7; 9:3, 5;

74:12; 77:19

ioin 29:3

ioints 25:1

66:19

JD 4:1, 7; 74:12; 77:19

Jean 16:17; 24:3; 27:15;

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

Journal 5:20; 9:19 July 17:4 June 14:13 junk 41:16 juris 5:23

K

keep 4:23; 5:25; 6:1, 4, 10, 14; 16:15, 23; 25:10; 32:8; 34:8 keeping 66:6 kept 24:11; 63:24 key 26:25 kids 68:18 kill 56:13 kind 8:3; 21:14; 33:11; 43:8; 44:17; 54:18; 68:7, 22;69:5,13 kinds 43:11 kiss 45:20 known 41:17; 62:14; 70:20 knows 21:15; 41:9 KURI 4:8, 14; 5:10; 8:20; 9:17; 15:14; 19:12; 21:8; 22:7, 9; 23:9, 19, 23; 27:24; 34:15; 40:1; 45:5; 53:4; 57:13; 61:15; 65:14; 66:3; 74:6, 14; 75:14; 77:3, 13,17

L

L-O-U-I-S 8:17 lack 41:22; 43:14 lady 54:11; 72:5, 12 language 48:18, 24; 49:20,24 large 20:20; 26:7; 51:12, 14, 19, 21 largely 6:14 larger 68:25, 25 last 9:7; 15:17; 38:17; 39:8; 51:18; 64:10 latency 17:9 later 52:10; 65:9 lateral 35:1 aw 17:19; 18:13 lawful 4:1 Lawrence 16:4 lawyer 6:3 lawyers 42:20 layering 42:17 lead 32:9 leading 8:13, 13; 11:20 leads 10:19 learned 8:15 least 7:18; 30:25; 32:9; 57:11, 14; 60:23 Leave 29:3 leaves 53:12

front - leaves (4)

Min-U-Script®

infarct 39:18; 49:10

69:16, 19, 23; 70:9

infarcted 35:13; 48:7;

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

		· · · · ·		
lectures 7:5	76:5	medical 5:22; 9:12, 22,	Mrs 7:25; 12:10; 74:15	obstinate 61:24
lecturing 14:9	lower 32:20; 43:22;	24; 14:7; 16:19; 26:3;	much 7:6; 18:5; 21:14;	obstipation 24:24
led 63:21	46:21, 23; 60:20	35:22; 37:3; 44:23; 45:14;	39:10; 53:25; 54:20;	obstruction 32:15, 17
left 27:25; 33:15; 34:11;	Ls 45:5	53:20; 59:1, 13; 61:5;	57:16; 73:8; 76:4, 6	obstructions 11:15
35:4; 37:23, 23; 48:2, 16,	lung 21:17; 38:7; 62:22	73:13	multiple 11:23; 30:8;	obviously 4:22; 23:18;
21, 25; 49:12, 23; 51:22;	lungs 40:21; 63:7; 64:19	medically 73:13	52:17	66:6
52:8; 62:14; 63:2; 68:21,		medicine 14:3, 4; 42:5	muscles 47:16	Occam 42:7
21; 69:13, 14; 70:8	M	member 13:24	must 16:23; 17:8, 17;	Occam's 42:19
left-sided 49:3		mentality 33:13	44:4	
leg 24:8; 37:25; 38:13;		mention 37:16; 60:1		occasion 25:2
47:18, 19; 60:20; 62:14	M-E-Y-E-R 9:4	mentioned 9:8; 15:18;	N	occasional 57:22
legal 6:5, 12; 9:24	M.D 4:7; 74:12; 77:19	17:2; 54:6	TA	occlusion 11:11, 25;
legal/medical 6:11	machine 32:6; 48:13	mercury 29:14; 32:14		12:1; 41:8
less 12:17; 30:11; 33:2;	machines 67:14	Meyer 9:4	name 4:14; 8:22; 9:3, 5, 7	occlusions 11:23
54:16, 16; 55:6, 13, 15;	main 35:16, 19		named 70:20	occur 11:2; 12:4; 13:9,
57:4	maintain 55:17	microscope 27:1	names 9:8, 10, 11; 10:4;	13; 43:20, 23, 24; 47:11;
Lesser 26:17	maintained 46:6, 15	middle 28:2; 33:6, 15;	20:9	63:12;67:23
level 26:4, 20; 27:7	major 25:5	34:11; 35:4; 39:21; 69:7,	narrowed 41:20	occurred 7:1, 2; 27:15,
levophed 56:23; 57:18	makes 72:21	21;70:7	nature 5:16; 24:10;	17; 31:13; 33:14, 20, 22;
library 9:12	malignancy 76:13	midline 48:2; 69:9, 9	47:10; 52:1; 54:20; 65:23;	37:5, 17; 44:4, 6, 12; 52:2; 63:24; 64:4; 65:8, 9
•	malpractice 5:22	might 34:15; 37:21;	70:19	
life 14:1; 22:24; 23:20;	man 8:21	50:11;61:17;64:17;66:3	near 5:5; 17:17	occurring 63:25
24:3, 16; 25:16; 53:18	man's 9:3	mild 26:18	nearly 29:24; 30:10; 57:4,	occurs 11:5; 12:5; 19:23; 33:4
light 17:13; 50:1		military 30:19	5, 20	odd 5:13
lightning 37:12	management 10:11	milliliters 46:2, 17	neatness 65:24	
likelihood 36:1	Manhattan 17:13	millimeters 29:14; 32:14;	necessarily 22:1;31:15;	odds 76:22
likely 25:25; 26:13; 33:19;	many 4:23, 25; 5:1; 7:18,	48:3;68:10	65:8	off 6:25; 16:10; 21:13;
43:3, 4, 23; 53:21; 54:11;	19; 10:14; 14:12; 17:23; 18:12, 14, 24; 20:15; 31:9;	mind 5:19; 7:14; 61:17	necessary 42:1, 2	41:12, 16; 46:8; 49:24; 50:17
55:25; 56:4, 12, 17; 67:22	74:3,4	mine 29:3	neck 42:8	offer 25:7
line 28:3; 42:21	March 17:3	mint 65:19	need 33:8; 56:24; 67:24	
lines 41:13; 70:12	Mark 15:25; 34:16; 66:3,	minute 46:18; 54:21	neurologist 22:21	office 16:12, 18; 18:3; 58:7, 10
lips 49:21; 50.1	1 1 1 1 1 1 2 2 3, 34.10, 00.3,	minutes 47:17; 51:18	next 38:18	often 11:24; 38:16; 42:20
list 16:10; 35:22	marked 4:11; 6:19;	MISHKIND 6:6, 13; 9:14;	night 44:9; 52:11	old 9:1
listed 61:13	14:16; 34:20, 22; 66:9	15:21, 21, 22, 23, 24; 16:1,	Nine 76:20	
listening 45:13	Martin 16:4	7, 13, 18; 17:20; 18:1, 7,	nobody 24:17	omitted 60:10
lists 15:3	Mary 16:16	13; 21:24; 22:8, 13; 23:14,	noncritical 29:20; 32:12,	once 42:10, 15; 43:8, 18; 46:22
literally 37:10	massive 51:10; 52:10;	22; 24:1; 28:10, 13; 36:9,	21; 33:20	
litigation 5:17	72:8;75:3	13; 37:6; 41:2; 44:7; 50:16,	None 26:7	One 5:19; 6:3, 10; 7:16; 8:15; 10:16, 17; 11:5, 16;
little 31:5, 16; 45:22;	match 13:2	25; 53:2, 6; 56:6; 65:15;	normal 25:16; 26:15;	17:1; 18:16, 17; 20:3;
49:23; 57:13; 71:13	material 71:7	66:5; 73:3, 6, 15; 75:7; 77:5, 15	28:24; 29:7; 40:4; 57:17,	21:10; 29:23; 30:25;
live 24:13; 54:9	mathematical 48:12	misspeak 61:11	22	31:16; 35:8, 13, 20; 38:18;
lived 48:18, 20	mathematics 32:18	mode 19:16; 20:11	normally 33:1;60:15	42:6, 15, 16; 45:5, 14, 18,
living 24:12			notes 28:23; 58:15, 18;	20, 22, 23; 48:8; 58:16;
localized 24:8	matter 23:2; 30:24; 32:4	moment 75:4	59:7	59:6; 60:4; 71:20
logic 42:6	matters 5:21; 6:5, 11, 12	monk 42:7	noticed 72:19	one's 65:23
long 39:8; 47:18; 72:4	may 13:14; 15:1; 16:14,	month 38:17	noticing 32:15	ones 58:23; 59:16
long-winded 27:21	14; 18:25; 35:5; 54:22; 55:7, 7; 76:23	morbidity 22:23	novo 41:8	ongoing 39:9
look 22:21; 28:1; 46:1, 7;	maybe 17:16; 20:17;	more 9:9; 10:7, 21; 11:24;	number 14:2; 15:3; 18:4;	only 13:24; 14:21; 18:17;
50:10; 51:8; 57:2; 58:4, 12,	31:5; 49:2	13:6; 18:5, 5; 19:1; 24:14,	20:19, 20; 21:10; 24:25;	22:4, 16; 25:20; 26:19;
13; 61:11, 16; 67:21;	mayhem 30:7	15; 31:5; 34:2; 37:17; 39:10, 10, 12; 42:20;	25:7; 29:15, 16; 30:5;	35:8, 12, 13; 36:14, 14, 21;
68:20, 24; 74:7	MD 4:1	43:23; 44:18; 45:22; 49:2,	41:25, 25; 46:6; 49:8; 51:9;	45:2; 46:13, 21; 47:22;
looked 38:23		3, 4, 23; 53:25; 54:20;	55:12, 13; 58:24; 61:4;	58:13; 70:8; 71:22
looking 17:5; 30:4; 37:1;	mean 6:1; 11:6; 15:16; 21:7, 13; 29:6, 11, 17, 22;	56:17; 57:16; 64:25; 65:1;	62:3; 64:10; 72:14; 76:4, 5	open 23:7; 29:4
48:11; 58:15; 60:4; 68:4, 6,	30:4, 9; 31:4, 6; 41:8; 46:9,	71:13; 73:8, 12; 75:20	numbers 20:16; 29:18;	opening 27:12
9, 12, 22; 70:1, 5	11, 14, 22; 53:3; 55:7, 16;	morning 30:13, 18;	32:7; 57:2, 10; 76:11	opine 21:1; 26:10
looks 30:16; 57:9, 23	57:3, 15; 58:19; 60:3;	31:14; 44:12	numeric 76:23	opinion 12:15;31:11;
loss 45:18	64:14	most 39:15; 53:21; 57:14;	nurses 58:18	41:10; 53:9; 59:1, 13, 14;
lost 42:4	means 52:15; 69:5; 76:5	60:4		61:5;64:3;73:2;74:20; 76:2
lot 44:19; 51:3; 58:21	meant 10:25; 18:9; 61:22	motion 44:8	0	
Lots 7:2; 13:15	measure 50:2	motor 49:22		opinions 20:23; 21:5; 22:10; 23:2, 20; 24:3; 51:3;
Louis 8:17	measured 46:25	mouthing 49:23	object 6:6; 53:2; 73:15	58:25; 62:4
love 60:15; 73:19	measures 66:12	move 50:24	Objection 36:9, 13; 37:6;	opportunity 47:25; 50:5;
low 26:20; 29:15; 31:2;	mechanism 19:23; 42:3,	moves 11:16	41:2; 44:7; 56:6; 73:3, 6	64:1
32:23; 57:21; 58:2, 21, 23;	15	MRI 48:13; 71:12	observations 44:17	opposed 26:11; 44:5;
				- 4-4

Mehler & Hagestrom 1-800-822-0650

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

48:17; 50:12	44:25; 48:17; 55:2, 3; 60:8;	planning 22:13	pressures 29:6, 12, 21, 22, 20:2, 4, 0: 21:1, 45:10	purposes 4:11; 9:24;
order 36:10; 63:24	72:19; 73:1, 21 patient's 54:25	plaque 41:12, 17	23; 30:3, 4, 9; 31:1; 45:10; 46:7, 9; 47:15; 55:11, 24;	34:20; 66:9; 77:15 push 32:14
ordering 77:13		platelet 72:6, 14, 14	58:1, 2, 19; 62:17	
orderliness 14:1	patients 5:11; 10:11; 20:4	platelets 72:9, 17, 20, 23	pretty 7:6; 22:16; 60:7;	pushed 69:10, 11, 13
ordinarily 24:12	Patrick 4:16; 15:6, 8	plates 65:19	67:11	pushes 48:7
organ 47:15; 52:17	pattern 20:1, 3, 7, 10; 37:13	play 22:19	prevent 22:5; 74:16	pushing 70:11
organizational 14:7	PE 7:13, 13; 8:4, 7; 19:2,	played 42:23	previous 24:21; 53:20	put 42:16; 48:5; 55:10
organs 47:16	22; 20:14; 22:22; 27:19;	plenty 5:17; 63:17	previously 38:22; 56:10;	putting 54:10
origin 35:3	60:19; 62:6; 63:24; 73:23	plot 31:24; 58:4	77:7	•
original 54:19; 65:18	pelvis 38:12	plotted 32:1,2	primary 12:7; 22:25	Q
others 18:3; 71:18	pen 34:10; 68:2, 17	point 8:1, 3; 23:9; 26:3; 28:20, 25; 29:1, 2, 4, 24;	principle 47:8	
otherwise 33:19; 54:1;	penetration 67:19	31:1,9; 32:21; 33:21;	printout 30:15	quality 65:20
70:12	people 19:6, 17; 20:9;	40:24; 41:5, 19, 23; 56:5;	prior 17:20; 25:5; 26:7	quarter 10:12
ought 15:24; 57:6; 69:12	39:4; 55:23; 56:14	57:19; 63:22; 68:2; 70:4;	probable 27:2; 31:15;	quick 56:20; 65:13; 66:4
out 24:2; 26:9; 32:7, 8;	per 46:3, 17, 18; 53:16;	74:22	37:18; 39:15; 44:15; 73:9,	quickly 14:22
34:17; 45:14, 18, 21, 22,	54:16; 75:18, 23; 76:24	pointing 68:7; 69:4		quite 44:10; 55:21; 62:7
23; 52:20; 63:6; 71:20; 72:4	percent 7:15; 11:13;	points 32:5; 57:8	Probably 5:2, 5; 6:18;	
outside 14:8; 24:10	26:15; 33:2, 3; 47:14; 53:16; 54:16; 57:24; 71:1;	poll 61:25	11:16; 13:11; 14:22; 17:24; 18:2, 4, 14, 18;	R
ovale 37:24	75:18, 23, 25; 76:4, 10, 10,	pop 65:13	23:7; 38:17; 51:4, 5; 53:16,	
over 5:10; 10:13; 13:4;	17, 18, 20, 20	portion 13:17; 28:19;	23; 54:16; 71:22; 72:20	radius 47:7
18:4, 5, 5; 20:16; 25:8;	percentage 10:9	69:3 portions 69:22	probative 44:18	raised 43:5; 45:24
31:3; 45:9; 46:11, 13;	perfectly 24:18; 40:4	portions 69:22 position 56:3	problem 31:6, 8; 35:15;	random 49:6
55:14; 63:9; 69:10, 11;	performance 14:10	possession 15:4	51:13; 71:10; 77:17	range 44:24; 45:9; 46:6,
72:13; 76:22; 77:16	performed 45:25	possibilities 37:8, 10,	problems 7:25; 76:9	11, 16; 47:14; 55:3, 23
overall 13:9; 50:4	perfused 49:11	19; 39:13	Procedure 4:4	rank 53:24
overcome 32:17	perfuses 69:22	possibility 39:20; 46:13;	process 12:19; 13:9;	rare 62:2
own 5:11; 6:11; 20:3;	perfusion 29:12; 32:13,	72:25:73:14	27:15, 16, 22; 36:8, 11; 40:10; 70:18; 74:1	rate 75:21; 76:24
41:11	22, 25; 43:14; 55:5	possible 37:3; 57:1; 73:4	processes 12:20	rather 77:10, 12
oxygen 43:14, 16, 17, 18;	period 31:18; 44:3	possibly 19:25; 43:2, 3	produce 26:13; 46:11	Razor 42:19
60:21	periodical 7:11	posterior 33:17	produced 39:17; 72:18	read 8:7; 77:5
Р	periodicals 10:6	potential 10:5	produces 39:24	reading 60:3; 77:11, 16
r	periods 72:4	potentially 23:20	produces 59.24 producing 68:17	ready 32:6
	periphery 63:7	power 47:6	product 41:6	real 56:20; 65:13; 66:4
P 4:1, 7; 74:12; 77:19	permanent 10:19	practice 6:2; 10:10; 14:3	production 12:21; 72:6	realizing 24:17
pad 29:3	person 24:17; 27:10;	preceded 16:20	profusion 26:16, 19	really 27:14; 44:10; 48:14; 63:1, 16; 71:8; 75:3
Page 30:4; 56:20	46:4; 50:18	precedence 43:21	progress 62:21	reason 24:9; 25:22; 26:1;
pain 25:1; 42:7	personal 5:11	precedent 40:19	progressed 76:15	71:8, 11
Pakistani 17:12	persons 19:19; 72:3, 7, 9	precedes 63:16	progression 76:25	reasonable 39:12
paper 44:22; 45:3	pertain 12:10	preceding 8:20	projection 24:16	reasoning 33:12
paradox 38:2	phenomenon 42:12 Phil 9:14; 22:18	precipitate 11:8	prolonged 56:22; 57:7	recall 16:21; 18:1; 19:12;
paradoxical 38:5, 11	Phillip 4:14; 45:5, 5	precipitated 8:8	property 70:11, 12	20:2, 8, 9; 58:2
Paragraph 51:4, 8; 52:9; 56:21	phone 16:20	precipitates 8:5	protect 45:9	recalling 8:11
paralysed 49:1	physical 58:13	precipitating 19:2	provided 4:3; 10:5	receive 15:9; 17:10
paralysed 49.1 paralyzed 48:21	physician 59:6	precise 69:20	provides 13:25	received 15:12, 14, 16;
paraphrasing 60:17	pick 61:10; 68:14	precluded 23:7	proximate 22:4, 17;	16:5, 11
paraphrasing 60:17 pardon 28:17	pick 61:10; 68:14 picking 59:4	preference 49:9	23:16; 50:12; 51:1	receiving 17:9; 72:10
•	picture 63:12, 13; 71:17,	preferred 9:6	publication 8:15	recent 5:13; 15:16; 18:17
part 11:3; 20:14; 35:12; 42:23; 49:9; 57:14	21	preparation 14:10	publications 7:5; 8:25;	recently 15:15
participation 6:15	piece 41:16; 45:3	prepare 14:20	9:10	reconstructed 67:20
particular 42:3; 45:4;	pills 13:5	prepared 14:13, 18, 21	pull 35:23; 56:20	record 6:20; 16:23;
57:11; 71:6; 72:19	pinpoint 67:1, 2	presence 12:3; 25:14;	pulling 59:14	35:23; 40:11, 24; 61:16;
particularly 5:22; 7:23;	place 7:4; 11:16; 27:4, 5,	47:4; 49:4	pulmonary 8:12; 19:16;	77:6
19:17, 19; 27:10; 72:8	6, 6; 40:23; 42:16; 70:22;	presents 75:1	20:15; 21:14; 40:13, 18,	recording 32:5; 57:11,
parts 49:24	72:13, 21	preserved 48:25; 69:24,	19, 20, 20; 52:11; 53:3, 7;	23
passage 38:14	places 58:12, 14	25	59:3, 8, 9, 20, 23; 60:19, 21; 61:3, 7, 19; 62:2, 16,	recordings 31:25; 57:24; 58:13, 22
past 32:14	plaintiff's 16:12	president 13:24	18, 23, 24; 63:2, 3, 15;	records 15:5, 6, 7, 11;
Pat 21:21	plaintiffs 5:7, 15	pressure 7:20; 26:16, 19;	73:10; 74:15, 21; 75:15, 16	16:19; 17:2, 10; 26:22;
patent 37:24	plan 21:1, 20; 23:24	29:15, 17; 32:13, 20, 23, 25; 45:24; 46:5, 10, 12, 22;	pumps 45:15	53:19; 59:10
pathonomic 62:17	plane 35:5; 68:7	47:9; 55:6, 16; 57:4, 15,	purpose 4:2; 25:12	recurrent 72:8
J				

order - redolent (6)

Min-U-Script®

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

 $\mathcal{M}_{\mathcal{M}}^{(n)}$

Fattick A. Kich, D.O.	, ct al.			November 12, 2005
reduce 25:15	retained 17:19	secret 38:14	sinus 25:3	statement 35:7; 61:4
reduced 27:7; 33:3;	revealed 9:13	sections 70:1	siphon 28:2	statements 50:14
72:20	reverse 49:15	seeing 32:3	sit 10:7; 22:18; 45:13;	States 14:9; 51:7
reduction 47:8	review 5:6, 7; 7:8; 16:19;	segment 41:20	47:18	stating 36:6
refer 9:15	17:7; 20:21; 26:23; 44:3;	selling 30:1	site 12:6; 72:23	Statistically 54:12
references 9:19	50:5; 53:19	seminar 14:10	situ 11:14	stay 74:17
referring 9:15; 20:12	reviewed 4:16; 14:23;	seminars 6:15	situation 19:5; 21:18	stenosis 26:14, 17, 18;
reflect 77:6	18:12, 19; 19:8, 14, 25;	sending 17:1	situations 43:24	28:7; 29:20; 32:12, 22, 24;
eflects 75:21	20:6	sense 11:2; 33:12; 35:10;	size 70:13, 15, 15	33:2, 20, 24; 35:9, 13;
efrain 65:24	reviewing 35:24	40:4	slanted 68:8	39:16, 25; 42:25; 43:1, 24;
egard 53:20	revisit 54:21	sentence 64:10	sleep 45:19	47:4, 12, 21, 22; 49:7; 56:4
egarding 4:15; 21:5;	Rich 4:16; 15:6, 9, 10, 19;	septal 38:10	sliced 68:10	stenotic 12:12, 15, 18,
2:10; 23:20; 24:3	21:21, 21; 22:11; 75:10	September 16:16; 17:8,	slices 68:6, 12; 70:6	20; 25:14, 19; 26:5; 27:11;
egardless 56:3	Richard 60:17	14,17	slightly 45:2	35:24; 36:1, 8, 11; 47:1, 1;
egards 6:5	rid 11:12;35:11	series 70:6		52:19, 25; 53:9; 54:3, 13, 15; 56:11; 70:18; 73:25
egion 35:12	right 22:18; 24:14; 30:22;	serve 35:19	small 47:8	step 27:14
egional 49:19; 73:10	33:20; 37:22, 23; 38:6;	service 58:16	smaller 76:11	step-by-step 27:21
egular 55:18	39:19; 40:9, 16; 47:3, 11, 22, 24; 48:3, 17, 20, 24;	set 44:8	so-called 26:17; 34:3	Sterling 9:3
•	49:11, 21, 22; 50:2; 51:7;	setting 19:24; 64:11	soft 67:10	
elated 7:7, 13, 16, 23; :1; 18:22; 42:12; 47:6	52:9; 58:17; 62:8, 15; 63:1,	settlements 5:21	soft-spoken 50:18	Sterling-Meyer 9:5
elationship 7:18, 20, 22;	4, 10; 68:21; 69:13; 74:8;	seven 77:12	somebody 16:12; 72:11;	Stick 29:2; 42:5; 50:12
:1;73:9	75:17	several 63:12; 67:25	76:5	still 45:18, 20; 52:21
elative 49:25	right-sided 49:5	severe 25:21; 26:1, 11,	somehow 19:23; 21:9;	stop 21:18; 29:8
elatively 25:17; 26:11;	ringing 25:1	12; 44:13; 46:20; 53:14	37:25; 40:5	stopped 64:24
7:11	ripening 67:25	shades 67:19	someplace 11:17	straight 28:3; 69:12
elevancy 7:14	risk 53:15; 54:17; 75:18;	shake 39:5; 47:19	Sometime 30:13; 31:13;	stress 58:17
eliable 38:21	76:16	shape 30:24; 57:6	44:8;74:17	stretched 64:22
ely 10:1	robust 24:7	share 58:25; 61:4	Sometimes 25:9; 67:25	strip 30:14; 49:22
emarks 60:17	Ronald 15:20	shared 59:13	somewhere 38:13	stroke 7:13, 17, 8:5, 8,
emember 18:16; 19:13	Roughly 10:12	shift 47:2, 11, 21, 21, 24;	soon 77:13	13, 17, 24, 25, 25; 10:11,
emove 42:24, 25; 43:1;	route 70:3	48:2;71:24	sooner 47:3	15; 11:4, 5, 8; 12:5, 14, 18, 21, 22; 13:9, 12, 16; 18:22
3:6	rubbing 49:21	shimmer 39:5	sorry 18:16; 21:13; 25:8;	19:3, 18, 23; 20:13, 19;
emoving 75:14	ruining 69:17	shimmering 39:3	29:1;73:25	22:23; 25:5; 27:3, 17; 29:5
endering 45:4	Rules 4:3	short 17:11, 11	Sounds 34:14	31:12; 37:4; 38:15; 51:12,
epeat 4:19; 56:8	run 6:22	shortly 17:8, 16; 24:10;	source 11:18	14, 20, 21; 52:3, 18, 22,
epeated 62:20; 72:8	running 4:23	75:4	spared 64:8	25; 53:8, 11, 15, 22; 54:2, 10; 60:2, 10; 61:1; 64:12;
ephrase 4:19		shortness 60:18, 19;	speak 39:23	66:25; 67:2, 4; 70:23;
eport 14:13, 18, 21;	S	63:8	speaking 73:13	71:17; 73:4, 22; 74:17;
5:2, 2, 5, 16, 17, 19; 16:5,		show 33:9; 36:15; 61:9; 69:18; 71:19	specific 8:12; 9:9; 13:6; 19:4; 24:14; 27:5, 5, 6;	75:18,21
; 20:22; 22:3, 15; 23:5,	S-T-E-R-L-I-N-G 9:4	showed 15:2	44:6	stroke-like 29:5
1, 24; 50:6, 6, 9, 24;	same 7:6; 18:4; 42:14;	showing 66:14	specifically 7:23; 18:16;	stroked 34:6
5:20; 66:22	45:3; 49:17, 18; 54:13;	shows 26:23; 71:16	19:21	strokes 10:13; 11:2;
eporter 34:24; 66:16	65:18; 72:23; 76:23	sick 31:9;75:2	specifics 19:13	67:22
eporting 34:10	sampling 30:25; 31:21;	side 27:25; 31:20; 48:17,	speculation 37:8: 41:4	struck 37:12
eports 14:20; 16:2	57:8	20, 23, 25; 49:11, 12;	speculations 39:12	structure 48:2; 69:7
epresent 4:16	Sansbury 16:17	58:17; 68:5, 21, 21; 69:13,	Speicher 7:25; 12:10;	stuck 5:19; 41:19
epresents 35:2	satellite 62:24	14, 25; 70:8	27:15; 66:20; 75:15; 76:15	studies 15:12; 28:4; 33:8
equest 15:18	saved 75:12	sides 43:6; 49:25	Speicher's 24:3; 74:15	35:6; 36:15; 38:22
equire 54:22	saw 75:10	sign 34:12;68:18	spend 23:11	study 33:9; 71:6, 9
equires 39:9	saying 44:5; 51:24;	signal 25:6	spit 32:7	stuff 44:21; 72:13
equisite 73:17	53:21; 56:19; 62:5, 7	signed 59:24	spite 56:22	subject 8:23; 10:1
esearch 9:22, 24	scaled 67:20	significance 48:16	stable 5.9	subsequent 63:20; 64:6
esides 7:14	scan 26:23; 67:6	signs 67:24	stack 16:2	subsequently 15:9
esistance 62:22; 67:18	scans 66:18; 70:17	similar 18:19, 20; 20:10,	standard 20:23; 21:1, 6,	subvert 45:1
est 27:8	scenario 18:24; 42:22;	12	9, 22; 22:11; 23:3, 12, 15;	sudden 41:8;62:23
estricted 10:18, 25;	52:22	simple 54:20	46:14; 50:13; 51:2, 3;	suffered 24:24; 33:25;
3:17; 70:19	schmutz 65:25; 66:1	simply 20:5, 12; 30:24;	62:10	36:3; 56:21
esult 36:6, 11, 22; 53:11,	schmutzig 66:2	49:6; 51:17; 52:25; 63:21;	standpoint 22:22	sufficient 11:25; 12:1;
	-	· ····································		
2; 63:25; 65:1	school 45:14	73:4	start 6:2; 54:24; 68:12, 20	32:16; 42:11
2; 63:25; 65:1 esulted 51:12; 73:22	school 45:14 second 53:12; 56:21	73:4 single 11:23, 24; 36:5;	start 6:2; 54:24; 68:12, 20 State 8:21; 56:21	summary 59:21
22; 63:25; 65:1 resulted 51:12; 73:22 resulting 19:22; 20:13 results 19:3	school 45:14	73:4	start 6:2; 54:24; 68:12, 20	

Mehler & Hagestrom 1-800-822-0650

Karen L. Armour, etc. v. Patrick A. Rich, D.O., et al.

supports 70:17	testimony 14:4; 19:10;	traveled 41:19	76:10, 12	48:15; 51:16; 53:12
suppression 72:6	56:10	treat 65:10, 11	upon 9:1; 14:3; 20:21;	wherein 19:23
sure 7:3, 17; 11:7; 16:4;	testing 26:22	treatable 24:9	36:6, 11; 44:3; 53:19;	white 67:15
18:23; 22:1, 8; 28:13; 29:9;	textbook 8:25	treated 64:8; 74:16, 21;	66:19, 22; 67:7; 75:24	who's 55:5
30:15; 34:3; 36:24; 37:20;	textbooks 8:16; 10:6	75:11	upstream 41:19	
44:16; 50:11; 54:4; 56:10; 58:5, 9, 11; 59:16, 22;	thanking 16:18	treatises 8:15	use 10:2; 45:3; 52:5; 68:2; 71:7	whole 34:5; 37:18; 43:7;
61:12; 65:15; 69:2; 72:21	theirs 45:22	treatment 59:8; 63:15;	used 42:19; 51:14; 61:21;	47:13; 69:3, 19
surprisingly 5:9	thereafter 75:4	64:24	67:6	whose 39:4
survived 64:18	Thereupon 4:10; 34:19; 66:8	Trial 5:20; 18:10; 21:20; 77:10	uses 51:19	wide 45:9; 46:6; 55:23
sustain 57:19	thick 68:10	tricuspid 40:17; 62:15	usual 17:9; 27:9	widely 57:8
sustained 25:21; 26:20;	thickening 63:10	trouble 25:3; 29:19;	usually 39:9; 43:16	wife 45:20
44:13; 52:11; 56:22, 25;	thinking 41:14	55:25; 56:4	ļ	William 42:6
57:9	third 53:13, 24; 54:10	troubles 75:3	V	winds 38:7
swelling 62:13; 64:15;	thirds 35:20	truncate 11:14		
70:10; 71:24	thought 41:24	truth 9:12	V 30:24; 57:6	wish 39:23
swells 48:7	thoughtful 46:4	try 47:20	valves 11:20	within 15:16; 46:6, 14
swollen 60:20; 69:16	thousands 37:10; 72:22	trying 13:7; 22:19; 61:20,	variety 14:6, 7; 29:7, 11;	without 8:11; 12:3; 32:15,
sworn 4:4	three 13:11; 17:24; 18:14;	21	72:5	24; 47:17; 51:22; 57:23;
symptomatic 25:20, 25;	75:20, 25; 76:4	turn 62:3	vein 10:18; 11:11; 38:12,	76:8
26:19	threshold 43:22	turns 17:13	13	wobbling 39:2
symptoms 29:5	thrombi 40:20	tweaked 27:12	veins 11:13	woman 18:22; 24:12;
system 11:22 systemic 8:13; 25:21;	thrombocythemia 72:2,	twice 38:17	ventricle 37:22; 40:16; 62:15; 63:4, 10; 69:7, 14	40:8; 53:13; 54:2
Systemic 8:13; 25:21; 26:8; 36:3; 39:17; 43:10	25 thrombosed 40:5	two 16:2; 17:24; 18:3;	ventricular 30:8; 38:10;	wondering 37:2; 53:12
Systems 13:21	thrombosing 72:13	29:16; 35:20; 45:5, 6, 23;	39:3	word 26:25; 61:21; 66:1
	thrombosis 11:15;	46:14; 55:13	vessel 32:24; 47:23;	
T	39:22; 40:20; 41:1, 7;	type 10:6; 12:17; 33:25; 36:7; 40:10; 41:12; 52:22	70:21,25	work 5:6; 14:6; 36:14;
<u>.a.</u>	72:12	types 10:13; 11:7; 13:12;	vessels 40:21; 47:7;	63:9
	thrombotic 39:24; 40:7,	14:5	62:23; 63:7; 70:21, 24;	workday 10:3; 16:22
T-O-O-L-E 8:19	10, 12, 13, 22; 41:7		71:5 view 25:1	worked 27:22
tabbed 28:19 table 24:16	timely 53:22	U	view 35:1 vision 49:20	working 13:24; 18:7;
talk 12:13; 21:14; 25:10;	times 4:23; 17:23, 24;		vision 49.20 vitae 6:21	36:10, 23
27:14; 59:12; 60:21	18:4, 12, 14, 15, 25; 20:15, 18; 30:19; 31:21; 74:3;	ultimate 27:17	vitals 55:1	worse 49:8
talked 61:8; 75:13	75:21	Um-hum 14:25	voice 50:17	wreck 13:3
talking 6:9; 7:10; 12:11,	tissue 10:20; 12:2; 13:17;	umpteen 51:18	volume 67:8; 68:9	wrestling 13:2
13; 21:8, 19; 23:12; 25:8,	46:3; 67:8; 68:9; 69:16	uncommon 19:5, 18;		writing 6:14; 60:9
11; 27:16; 28:24; 30:3;	today 4:15; 10:7; 14:4;	20:4	W	written 5:17; 8:18, 19;
35:11; 39:25; 40:21; 46:8, 20, 21; 47:1, 24; 48:9, 11;	64:7	under 23:6; 25:20; 26:15;		15:5
51:17; 52:6, 7, 17; 58:6	told 32:19; 74:14 tolerate 56:1	29:5; 32:20; 33:19; 36:3;	wake 11:25	
tangential 7:18	tomographic 66:18	37:13; 38:9; 43:4, 10; 47:8, 11; 49:6; 55:8; 60:14	wall 12:9; 37:22	wrong 13:13; 29:22;
tasks 45:25	tongue 50:1	underneath 68:13	walls 63:11	63:18; 70:25; 76:6
teaching 6:15	tonight 45:19	understood 56:9	washed 13:4	wrote 8:22; 59:12; 75:17
Technically 40:6	took 32:1	unfortunate 63:20	wasteful 42:15	
telling 19:7; 56:16; 60:14	Toole 8:18	United 14:8	watch 45:16	
telltale 67:24	tools 50:2	universe 37:18	water 67:17; 69:6, 14	
ten 24:13, 15; 25:7, 16;	top 6:25; 42:16, 17;	University 8:21	watershed 34:3, 4; 43:5,	
53:17;74:4	68:14, 22	unless 23:7	13, 15, 19; 52:21; 56:12;	x-ray 67:7, 10, 12, 15, 16
tend 5:14; 8:16; 11:24;	torr 30:11; 32:13; 46:23;	unlikely 39:7; 52:12	70:22	x-rays 69:17
16:15 tondoney 50:17	55:6,24	unrecordable 30:10, 10	way 7:16; 9:4, 11; 10:16,	· · · · · · · · · · · · · · · · · · ·
tendency 50:17	Tosti 16:17	unrelated 73:5	17; 11:5; 12:3; 14:25; 21:7; 24:2; 34:17; 36:14, 21;	Y
term 32:18; 52:5 terminal 59:2; 61:6	touch 23:5	unrelieved 12:2	38:11; 39:6; 41:18; 55:19;	
terms 5:10; 6:4; 31:7;	touched 44:1; 62:4	unresponsive 44:10	67:13; 70:5, 11	100 00.0 0 10 70 MT
35:17; 37:7; 44:14; 45:11;	touching 9:1	unto 9:13	Wayne 8:21	year 28:8, 9, 12; 53:17;
46:1; 50:4, 14; 51:13, 19;	toward 65:24	up 5:25; 6:1, 4, 10, 14, 23;	ways 10:14; 12:5, 22;	54:17; 75:18, 23, 24; 76:24
55:10, 16; 67:18, 24	TPA 56:23; 59:8	24:20; 27:22; 28:1, 25;	13:12, 15, 20; 31:9; 37:4	years 5:10, 13; 18:4, 5;
terrible 24:23	traffic 35:18	29:1, 2, 16; 35:23; 38:8; 46:9, 11; 47:19; 48:5; 50:1;	week 17:4	20:17; 24:12, 13, 15; 25:7,
testified 17:25; 18:1, 9;	trailing 50:17	54:2; 55:12, 13, 14; 56:20;	weeks 63:13	17; 53:17; 54:9; 74:4;
19:25; 20:7; 67:1	transcranial 33:8	57:14; 58:20; 59:4; 61:10,	Weisman 18:8	76:15
testify 21:20	transcript 77:9	22; 64:23; 65:13; 66:15;	welcome 72:1	yellow 17:13; 29:3
testifying 20:8	travel 67:7, 15, 16	68:14;69:18;71:13;	What's 5:8; 34:25; 42:2;	young 43:12

supports - young (8)

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