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UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF NEW HAMPSHIRE

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IN RE: ATRIUM MEDICAL CORP. No. 1:16-md-02753-LM
C-QUR MESH PRODUCTS LIABILITY
LITIGATION

CARRIE LEE BARRON AND NICHOLAS BARRON, No. 1:17-cv-00742-LM
Plaintiffs. November 12, 2020
1:05 p.m.

v.

ATRIUM MEDICAL CORPORATION, ET AL.,
Defendants.

* * * * *

TRANSCRIPT OF MOTION HEARING
VIA VIDEOCONFERENCE
BEFORE THE HONORABLE LANDYA B. MCCAFFERTY

APPEARANCES:

For the Plaintiffs: Jonathan D. Orent, Esq.
Motley Rice, LLC

Russell F. Hilliard, Esq.
Susan A. Lowry, Esq.
Upton & Hatfield, LLP

For the Defendants: Katherine Armstrong, Esq.
Mark Cheffo, Esq.
Paul A. LaFata, Esq.
Dechert LLP

Pierre A. Chabot, Esq.
Wadleigh Starr & Peters PLLC

Court Reporter: Brenda K. Hancock, RMR, CRR
Official Court Reporter
United States District Court
55 Pleasant Street
Concord, NH 03301
(603) 225-1454

1 P R O C E E D I N G S

2 THE CLERK: For the record, this is a motion hearing
3 in the bellwether Barron case, which is 17-cv-742-LM, which is
4 part of the Atrium C-Qur Mesh MDL, 16-md-7523-LM.

5 THE COURT: All right. Good to see everybody. Let me
6 just have counsel who are on the screen go ahead and identify
7 themselves for the record, seeing as our transcript won't
8 really have a rendition of exactly what was on the screen. So,
9 how about if everybody just identifies themselves for the
10 record.

11 MR. HILLIARD: Your Honor, Russ Hilliard, plaintiffs'
12 liaison counsel. Good afternoon.

13 THE COURT: Good afternoon.

14 MR. ORENT: Good afternoon, your Honor. Jonathan
15 Orent.

16 THE COURT: Good afternoon, sir.

17 MS. LOWRY: Good afternoon, your Honor. Susan Lowry
18 for the plaintiff.

19 THE COURT: Good. How are you?

20 MS. SCHIAVONE: Good afternoon, your Honor, Anne
21 Schiavone for the plaintiffs.

22 THE COURT: Good afternoon.

23 MR. CHEFFO: Good afternoon, your Honor. I don't know
24 if that's all the plaintiffs' lawyers. That's all I could see.
25 It's Mark Cheffo for the defendants.

1 THE COURT: Good afternoon.

2 MR. CHEFFO: Katherine, you're on mute.

3 MS. ARMSTRONG: Good afternoon, your Honor. Katherine
4 Armstrong for the defense.

5 THE COURT: Good to see you.

6 MR. LAFATA: Good afternoon. This is Paul LaFata from
7 Dechert also for the defendants.

8 THE COURT: Okay. Excellent. All right. So, what
9 I'm going to do, before I put on my little iPhone timer here so
10 I can keep track of time -- and I'm doing that just so we can
11 get through these motions and also so that I can time this for
12 our court reporter, who's going to need a break at a certain
13 time. Otherwise, I can just keep going, and, unfortunately,
14 that's not always good for our court reporters.

15 So, let me just note who is going to argue number 92,
16 Langstein?

17 MS. ARMSTRONG: Your Honor, I'll be arguing Langstein.

18 THE COURT: Okay.

19 MS. ARMSTRONG: Katherine Armstrong.

20 THE COURT: All right. And for plaintiffs, Attorney
21 Orent, are you doing all the arguing?

22 MR. ORENT: I am, your Honor.

23 THE COURT: That's fine. Good, especially seeing as I
24 see your artwork has even increased. It's becoming a veritable
25 museum behind you, so that's good.

1 All right. And who from defense will be arguing 96,
2 Guelcher?

3 MR. CHEFFO: Your Honor, Mark Cheffo. I will be, and,
4 just to save you, I will be also arguing Klinge.

5 THE COURT: Okay. All right. And then who will argue
6 100, which is Dunn?

7 MR. LAFATA: This is Paul LaFata. I will be
8 addressing the Dunn motion.

9 THE COURT: Okay. Excellent. All right. So, let's
10 start, then, with Howard Langstein, plaintiffs' expert,
11 defendant's motion 92 to exclude opinions and testimony of
12 Mr. Langstein. Hold on one moment before I set any timers,
13 because I don't want to deprive you of your time. Hold on a
14 sec.

15 MR. CHEFFO: Your Honor, it's Mark Cheffo. While
16 you're doing that, can I just ask a quick procedural question,
17 and I suspect this will be --

18 THE COURT: Of course.

19 MR. CHEFFO: -- a goose-gander one. I think we all
20 read your 15-minute rule, and we're, I think -- I don't want to
21 speak for Mr. Orent, but I'm sure he's diligent as well. The
22 question I had was would you consider or are you anticipating
23 maybe if we reserve two minutes for rebuttal? I know you're
24 going to hear arguments on our motions next week, so that's why
25 I said goose-gander, if you can entertain it. I suspect

1 Mr. Orent would want the same, but, again, it's kind of for
2 you, so whatever is most helpful.

3 THE COURT: It would be excellent if you're able to
4 time it. I think some of these might be less time consuming
5 than others, and so just alert me. I think Langstein there are
6 numerous arguments. So, it seems to me that Attorney Armstrong
7 is going to use her 15 minutes, and I don't mind giving a very,
8 very brief rebuttal after Attorney Orent goes, giving Attorney
9 Armstrong a little bit of time there, and I will try to
10 remember to do the same for everybody. I'll be especially
11 eager to do that for you if you're able to finish before the 15
12 minutes.

13 MR. CHEFFO: Okay. Thank you.

14 THE COURT: All right. So, let me just get my
15 computer here. Okay. Just so you can see it, my iPhone has a
16 timer on it, so I'll just be looking at that, and I'll try to
17 politely give you a nudge as it gets near the end. And,
18 obviously, I'm not going to cut you off arbitrarily, and I'll
19 want -- I'm sure I'm going to ask questions and want to give
20 you time to answer them. So, I think you know me pretty well
21 at this point in terms of my style. But I am trying to keep it
22 to 15 minutes, if I can.

23 All right. So, Attorney Armstrong, defendants' motion
24 number 92, and I have studied these, as you can imagine, and
25 I've studied them in the order of the challenge. So, the first

1 challenge is what Atrium knew should be excluded; your second
2 argument he shouldn't opine as to the design or functioning of
3 the particular product for various reasons; failure modes comes
4 next. So, I've ordered my notes by argument, and I think my
5 notes reflect the order of the argument presented in your
6 brief. If not, I'll just ask you to wait a moment so I can
7 find exactly where you are in my notes, but, hopefully, I can
8 follow right along with your arguments.

9 So, Attorney Armstrong, go ahead.

10 MS. ARMSTRONG: Thank you, your Honor. I'm going to
11 try to stick to the order in our brief as well. If I get off
12 track, I apologize. It's not intentional.

13 So, yes, you're right. Our first argument is that
14 Dr. Langstein purports to render various opinions about what
15 Atrium knew or what Atrium should have known based upon his
16 review of the company documents and other documents. Numerous
17 Courts have addressed this. We've cited to the Court in
18 Keystone, Sanchez, Rezulin and Zofran, and they've all said
19 that it's not proper expert testimony for an expert just to
20 narrate what is in company documents and then opine as to the
21 state of mind of the defendant. So, we believe that should be
22 excluded.

23 The plaintiffs have argued that, while he's not
24 purporting to opine about state of mind, but he's providing
25 context, but that's really semantics. If he's on the witness

1 stand and he's saying Atrium knew this, Atrium knew this,
2 Here's this Atrium document, and he's offering his
3 interpretation and inferences drawn from that, that's exactly
4 what he's doing, and that's exactly what courts have said that
5 experts should not do, that it's beyond the realm of
6 appropriate expert testimony. Of course, the plaintiffs are
7 free to introduce, to the extent they are otherwise admissible,
8 Atrium documents, and the jury will draw its inferences from
9 them, but it's just not appropriate expert testimony.

10 Our second ground for exclusion is that he lacks the
11 expertise to render an opinion on the V-Patch design, which he
12 purports to do. The plaintiffs have -- they talk about he's
13 not just a plastic surgeon, he's also a general surgeon, he's
14 done a lot of hernia surgeries. Our criticism of him is not --
15 I mean, we recite what his background is, and that background
16 includes being these days primarily a plastic surgeon. We
17 don't deny that he's had general surgery experience and that
18 he's done hernia implants and explants. He's never done them
19 with the C-Qur mesh, though. He has no experience with the
20 C-Qur mesh.

21 But that type of clinical experience, even if he had
22 sufficient general surgery, hernia surgery background, that
23 type of clinical experience does not make somebody a materials
24 expert, and he admits that he's not a materials expert, and he
25 says he has no training in material science. He's not -- he's

1 not -- he's never performed any biocompatibility testing on
2 medical devices.

3 This case is very like the Napolitano case that we
4 cite, and in that case the purported expert, he was a surgeon
5 also, and he actually had experience with the product at issue,
6 and the Court still said but, you know, that doesn't make him a
7 materials expert, and he can't really opine about those things.
8 So, the first grounds on design is just his lack of expertise
9 in that area.

10 And then the second basis for excluding those is
11 there's not really a reliable basis. He doesn't perform
12 reliable methodology to render his opinions, and that shouldn't
13 really be surprising. If you don't have expertise in an area,
14 then your ability to use a reliable methodology is going to be
15 compromised, because you don't have experience doing that. He
16 admits that he doesn't have any clinical studies to support his
17 opinion regarding the lack of ingrowth. The other thing about
18 lack of ingrowth is that he doesn't really establish that it's
19 relevant to this case; he doesn't testify that there was a
20 failure of ingrowth in connection with Ms. Barron's mesh, and
21 so there's also a lack of fit there.

22 When he talks about inflammation, he's admitted that
23 he's not an expert on inflammatory response. Again, that's
24 from his own testimony. He doesn't have any clinical studies
25 to support his opinion. He cites one animal study, but it's

1 actually contrary to what he says. And, you know, we cite
2 cases in our brief where the Courts have said you can't rely
3 upon a study and then say, Oh, but I disagree with that study's
4 conclusions.

5 And then on infection, the only thing he really relies
6 upon is one case series. It is not a sufficient basis for his
7 opinion, because there's no comparison, and he admits that he
8 can't draw causation conclusions from it; it wasn't designed to
9 do that. It's a case series by a single surgeon, so it doesn't
10 control for different patient populations. It doesn't control
11 for operative techniques. He does not have a reliable opinion
12 to support his opinions.

13 So, that is our arguments on why he should not be
14 allowed.

15 And then plaintiffs in response say, well, he's not
16 going to offer opinions on general causation, and he's a
17 specific causation expert, and if that's the case, then he
18 should not be allowed to testify about these things. They
19 can't have it both ways. They can't say, Well, we're not going
20 to hold him to the same standard as a general causation expert
21 but then allow him to testify to all of these things, again,
22 under the guise of background, or context, or whatever it is
23 supposed to be. If he's not a general causation expert, he
24 shouldn't be testifying about design and general causation.

25 The last issue with him is his specific causation

1 testimony, and one thing to note here on specific causation
2 is -- and Mr. Cheffo will address their general causation and
3 materials experts, but one thing that is significant here is
4 that there is just a complete lack of a connection between his
5 opinions and their general design experts. They're going to
6 say, Well, he's entitled -- if he, himself, is not qualified to
7 render an opinion on materials, he's entitled to rely upon the
8 opinions rendered by Dr. Klinge or Dr. Guelcher, except that he
9 doesn't say that he does. He nowhere cites their reports, nor
10 does he discuss what their reports are about. Their reports
11 are about the propensity of polypropylene to degrade, and they
12 admit, and Mr. Cheffo will talk about this, they admit that
13 they don't know what the clinical significance of that is, that
14 what it means for --

15 THE REPORTER: I'm sorry, Ms. Armstrong. You froze
16 for me.

17 THE COURT: It was maybe two sentences' worth, so
18 maybe just back up a little bit.

19 MS. ARMSTRONG: Okay. Do I need to back up?

20 (Record read by the court reporter)

21 MS. ARMSTRONG: I think I know where you are. So,
22 Dr. Guelcher's and Dr. Klinge's reports address the propensity
23 of polypropylene to degrade, but they don't address the
24 clinical significance of that. Neither does Dr. Langstein. He
25 doesn't make the connection between that observation and what

1 it means in terms of clinical outcomes for a patient. He
2 doesn't say, I relied upon Dr. Guelcher's report or Dr.
3 Klinge's report. He doesn't say Ms. Barron's mesh degraded,
4 and that's why she had an adverse outcome. He doesn't render
5 any opinions about degradation whatsoever. He does not connect
6 the dots between those experts and his specific causation
7 opinion, and that's a critical missing element. They are
8 allowed to have multiple experts, but they've got to link them
9 up, and they don't do that, and Mr. Cheffo will speak to that
10 as well.

11 In terms of his specific causation opinion, he
12 purports to perform a differential diagnosis. We don't
13 disagree that a differential diagnosis is a reliable
14 methodology. It has to be a real differential diagnosis,
15 though, and it has to be performed reliably -- excuse me --
16 reliably. I'm not going to manage that word, so I'm just going
17 to leave it mangled. Hopefully, the court reporter will fix it
18 for me.

19 You know, they cite cases where the Courts say, Now,
20 we've looked at the expert's opinion, and he or she went
21 through each alternative causation and explained in detail why
22 he or she excluded that alternative causation. You can look at
23 Dr. Langstein's report. He doesn't do that. He basically
24 says, well, smoking could be an alternative causation, but I
25 don't think it was. I don't think GERD was an alternative

1 causation. He doesn't really explain why, and he doesn't
2 discuss a lot of potential alternative causations, let alone
3 tell you why he excluded. You can't look at this report and
4 say, Oh, well that's a differential diagnosis. He just doesn't
5 do what is required by a differential diagnosis.

6 And in terms of specifics, for example, he admits that
7 smoking is a cause that can contribute to poor wound healing.
8 He just says, Well, Ms. Barron didn't have poor wound healing,
9 and, therefore, smoking's not a factor. That's in direct
10 contradiction to her own testimony, where she says from day one
11 the wound never healed properly. That's her testimony.

12 THE COURT: But isn't that a really -- isn't that a
13 walloping line of cross-examination for you, as opposed to a
14 reason to exclude it?

15 MS. ARMSTRONG: Well, all of this is a walloping line
16 of cross-examination, but the reason why we have Daubert
17 hearings is because Courts have recognized that the ability to
18 cross-examine a witness is not sufficient protection from
19 juries hearing unreliable evidence. If it's unreliable, then
20 you shouldn't have to get to the issue of whether
21 cross-examination will do the job for you, to begin with. If
22 it's not a reliable methodology, it needs to be excluded in the
23 first place, and that's in recognition of what the Supreme
24 Court in Daubert and, you know, Joiner, and all of the progeny
25 to Daubert recognized; that expert testimony is so powerful

1 that there has to be a gatekeeping function, and if you just
2 rely upon cross-examination, then there's no gatekeeping
3 function, and you don't really sort of balance out the powerful
4 impact of expert testimony. So, that's the smoking factor that
5 he identifies.

6 He also doesn't really give a good explanation for
7 excluding her gastrointestinal chronic issues. There are other
8 factors that he doesn't address at all. He doesn't address the
9 fact that she's had four pregnancies after each of which the
10 hernia increased in size. He doesn't address that. He doesn't
11 address the short time frame between when the hernia surgery
12 was performed and her last pregnancy, even though her treating
13 physician had advised her to wait. He doesn't address the
14 prior complaints of pain even prior to being implanted with
15 C-Qur mesh that she had around her umbilicus or her naval, and
16 he doesn't address her prior abdominal surgery. So, he doesn't
17 perform -- if he performed a truth differential diagnosis, that
18 would be one thing. He doesn't. It's *ipse dixit*. He says, I
19 just don't believe these caused it, but he doesn't explain how,
20 and he doesn't even address some alternative causes, and he has
21 to do that.

22 Our last area was that he should not be able to render
23 opinions about the instructions for use, which are the warnings
24 to the company of the product. This is based upon his own
25 testimony.

1 The plaintiffs in their response say they don't agree
2 with how he characterized it, so I'm just going to read it
3 verbatim as to what he says. "Dr. Langstein, are you planning
4 to offer any opinions on the instructions for use for the
5 V-Patch mesh or any other C-Qur mesh product?" "I will address
6 -- I will only address the fact that I've reviewed them and I
7 believe the use of the product in this case was consistent with
8 the instruction for use."

9 That's all he plans to say. That's not a critique of
10 the warning, that's not an opinion about the adequacy of the
11 warning, and he shouldn't be permitted to render one at trial.

12 THE COURT: So, if he were to testify consistent with
13 the limited quote you just gave, then you wouldn't have any
14 objection?

15 MS. ARMSTRONG: He's basically saying that the surgery
16 was performed consistent with the instruction for use. Yeah, I
17 mean, he can say that. We might disagree with it, but we're
18 not seeking to exclude him from saying that.

19 THE COURT: Okay. You're saying he just can't go on
20 opining about them beyond what he said in his report, which was
21 nothing?

22 MS. ARMSTRONG: What he said in his deposition.

23 THE COURT: In his deposition. Okay.

24 MS. ARMSTRONG: What he said in his deposition.

25 THE COURT: Okay. All right. Attorney Orent. Can I

1 start you off, Attorney Orent, with the general and specific
2 causation issue? Because it looks like somewhere along the way
3 in a plaintiff brief plaintiffs I think in some ways
4 mischaracterize Langstein's disavowing of any general causation
5 opinions. I lifted what I can see to be several what I would
6 call general causation opinions. They come from his specific
7 causation conclusions, I believe, but I'm just wondering about
8 clarification from you on that. I think it was document number
9 108 where you or someone on your team said Dr. Langstein is not
10 offering general causation opinions.

11 MR. ORENT: So, your Honor, thank you very much, and I
12 think one of the things that would be helpful for me to explain
13 to the Court is, where each of these experts -- and I'm going
14 to just digress to briefly discuss all of the experts quickly
15 to explain how Dr. Langstein's testimony fits in. But
16 essentially we have, starting with Dr. Dunn, who talks about
17 the raw polypropylene and the raw materials, how they're
18 manufactured, how they're processed. Dr. Guelcher then talks
19 about the interactions at the cellular level. Dr. Klinge will
20 talk about what we've termed "general causation," but really
21 what we're talking about is, is this mesh defective? And then
22 Dr. Langstein is going to talk about the specific causation
23 based upon what is known about this device.

24 So, he is not our, quote, unquote, general causation
25 expert, but in order to do a proper differential diagnosis, he

1 needed to be informed of what are the types of things that he
2 can include in his differential and what factors play into it.
3 So, his testimony is not true general causation; he's going to
4 be focusing on the specific plaintiff aspects of it. But it
5 needs to be -- he needs to be able to say, I ruled something
6 in, and he needs to be able to explain how he ruled it in, but
7 at trial that is going to be within the boundaries of Dr.
8 Klinge's testimony.

9 THE COURT: Okay. I'm going to give you -- can I just
10 -- help me out a little bit. So, in Langstein's report -- all
11 right. I'm going to just lift from it. This is docket 93-1 at
12 page 6. "The procedure of coating the mesh with the fish oil
13 can result in a myriad of failure modes, chief among those
14 being: 1) infection, 2) lack of ingrowth of the mesh, and 3)
15 increased inflammation." That sounds like general causation to
16 me. He goes on in the same report, also same page, "Protracted
17 inflammation substantially increases the risk of infection.
18 When placing the inflammation source (i.e. the mesh)
19 intraperitoneally, in close vicinity to the bowel, the risk of
20 infection raises dramatically." Same document, pages 6 through
21 7: "It is also well established that polypropylene elicits
22 inflammation in soft tissue."

23 I could go on, there were other examples, but these do
24 seem like general causation statements.

25 MR. ORENT: I'm not going to disagree that they seem

1 like general causation statements, but the intention of them is
2 to explain later on how he's able to perform his differential
3 etiology, that is, when the doctor who performed the explant of
4 this device saw various things and noted them in the medical
5 record. How is it that Dr. Langstein is able to say that he
6 rules them in and then, therefore, cannot rule them out? So,
7 this is explaining the basis for his methodology, but this
8 is -- you're right, this is not going to be the topic area of
9 his testimony. But, of course, he needs to be informed with
10 that information. When it gets to specifics as to the
11 mechanisms and the pore size of this device and its propensity
12 to increase the inflammatory response, that's all within
13 Dr. Klinge's testimony. In fact, there's no better person on
14 this planet than Dr. Klinge to talk about those sort of things.

15 But Dr. Langstein, certainly as a physician, is
16 capable of interpreting the peer-reviewed medicine and
17 understanding what the relative risks of various devices are so
18 that they can inform and advise his specific opinions.

19 THE COURT: Okay. Go ahead.

20 MR. ORENT: So, I would like to start, I guess, with
21 the state of mind, what's been classified as "state of mind
22 testimony," and there's a difference between saying that this
23 is what the company thought they were, you know, and
24 paraphrasing the thoughts as the case law has described in
25 doing what Dr. Langstein has done. What Dr. Langstein does,

1 again, is he looks at these corporate documents to understand
2 whether or not these devices can be ruled into his differential
3 etiology or ruled out. So, when he talks again to this
4 inflammation, when he goes and he looks at an animal study --
5 now, mind you, the difference between the animal studies we're
6 talking about here and in the cases cited by defendant is these
7 are not peer-reviewed animal studies. These are where an
8 organization is hired by Atrium or Atrium does them directly,
9 and that there's a proprietary interest in drawing certain
10 conclusions, okay? So, they're not peer-reviewed.

11 And what Dr. Langstein does is, he looks at it, and he
12 has largely agreed with the conclusions of them, and really
13 what he does is he looks at, for example, the fact that the
14 coating has lasted for two years. And so, when he looks at his
15 differential etiology, he says, okay, well, is there a
16 significance to the coating being there for two years in this
17 particular patient? Is that something that I need to consider
18 in ruling it into my differential etiology? And, of course,
19 the answer yes for a multitude of reasons. Number one, it
20 affects the porosity of the device; number two, their internal
21 tests tell us that this is not Omega-3 fatty acid, but it is,
22 in fact, saturated fatty acid, so it alters the pH, it
23 increases the propensity for infection.

24 Dr. Langstein is then able to correlate these findings
25 with the very limited study that was done on this, found a

1 19-percent increase, and it all -- all of the information
2 points in the same direction. So, he's looked at all of the
3 available information out there and drawn and been able to draw
4 into his differential etiology these notions that are out there
5 in the science. So, that's the importance of the corporate
6 documents.

7 The other aspect of the corporate documents is he's
8 able to say, well, should this have gone on a warning? Now,
9 when defendants ask him about the instructions for use, he is
10 not going to offer testimony as to how to write a set of
11 instructions for use. That's outside of his expertise. What
12 he is going to testify to is, number one, whether this doctor,
13 the implanting doctor, followed the instructions for use and
14 met the standard of care. Number two, he's able to testify as
15 to whether or not there was information within the corporate
16 files of this defendant that would have played a role in the
17 decision-making process or should have been involved in the
18 decision-making process of a doctor; that is, should a treating
19 doctor have been told this information? That's within a
20 physician's wheelhouse.

21 Now, likewise, when we talk about these other notions
22 about can he testify about -- he's not a biomaterials expert.
23 That's the other big critique of Dr. Langstein. And Dr.
24 Langstein, he is not a biomaterials expert. He is a surgeon.
25 He is a plastic surgeon, and what he does by way of background

1 is he treats, and he does only about one of these a month, but
2 he treats the most severe hernia repairs where a patient has
3 had numerous disasters go on in their abdomen, and he conducts
4 a reparative surgery and focuses on restorative anatomy,
5 something that is outside the expertise of general surgeons,
6 and it requires a much higher degree of skill, a much higher
7 degree of preparation. And so, it's not an apples-to-oranges
8 comparison when you look at a general surgeon that can do a
9 hernia mesh procedure in 45 minutes versus one of these
10 multiple-hour procedures that Dr. Langstein does.

11 But, importantly, he is not a biomaterials expert.
12 What he is, is a surgeon who's familiar with materials used in
13 the body, and he can testify to the body's reaction and the
14 appropriate body reaction to the materials. So, again, he's
15 perfectly capable of saying, based on his review of the
16 literature, and based on his review of the medical records in
17 this case, whether lack of tissue ingrowth or the creation of a
18 scar plate, which is over-scarification due to the pore size of
19 the mesh, whether or not that had a negative impact on the
20 patient such that he includes it in his differential etiology.

21 Likewise, he can talk about the lack of porosity,
22 based on 50 years of studies that have been done, and talk
23 about the propensity for infections. One of the big themes in
24 this case, again, is Ms. Barron had an infection, and the lack
25 of porosity of this device is directly correlated with that.

1 You get lack of porosity through two mechanisms, and
2 Dr. Langstein will talk about this: number one, the coating
3 didn't resorb completely in Ms. Barron; number two, contraction
4 of the mesh, because the pore size was not large enough
5 originally.

6 So, he's going to take those aspects and talk about
7 those things, and that's a perfect example of the application
8 of general causation to the patient and specific causation and
9 what we meant by he's not testifying to general causation.
10 He's not going to say, for example, the minimum pore size
11 necessary should have been X, they could have done this,
12 designed it that way.

13 Now, when we talk about -- the notion that he cannot
14 connect the dots I think is a red herring. First of all, to
15 include something in a proper differential etiology, you have
16 to look at whether or not that substance, general cause, is
17 capable of causing the harm, okay? There's really no issue of
18 general causation in any medical device case where the label,
19 the warning label itself, says it can cause infection, says it
20 can cause all of these panoply of harms that our client
21 actually did suffer. The issue is comparatively to this
22 device; compared to other devices in existence or compared to
23 the state of the art was it defective, unreasonably dangerous?
24 The notion that he has sufficient information to include these
25 types of things into his differential etiology, of course he

1 can. They are on the instructions for use, they're in the
2 warnings, and any surgeon would have to include mesh infection
3 being caused by the mesh in a differential etiology.

4 Now, when you look at his differential etiology, the
5 defendants threw out a number of issues that he, quote,
6 unquote, didn't include in his differential, and it's really
7 important that we address these. Number one, the case law
8 doesn't say that in an expert report that that individual has
9 to explain away every single possible factor that they ruled in
10 or ruled out. They have to be open to questioning and be able
11 to explain their basis for it. Now, in this particular
12 instance, smoking, Dr. Langstein does rule out smoking. The
13 reason he rules out smoking is because the doctors in this
14 case, the medical records, not the patient, who claims one
15 thing, but the experts, the doctors find no healing issue, and
16 so, when they explant this mesh there's no history in the
17 medical records of a healing problem. And, in fact, based on
18 the tissue, based on the experience that this patient had, he's
19 able to rule out lack of healing as a potential cause, and so
20 with lack of healing goes smoking.

21 Likewise, multiple pregnancies is not a contributing
22 factor to mesh infection. It may increase your risks of having
23 an additional hernia, but that's not in the differential for a
24 mesh infection and a balled-up mesh that causes other problems,
25 a fistula. And, so that doesn't belong properly in the

1 differential etiology. Likewise, GERD, esophageal reflux, does
2 not properly belong. It could not have caused the harm that
3 we're alleging in this case that he found.

4 So, if your Honor looks to the deposition and looks at
5 the individual alternative causation that they try and ask, the
6 real focus is what is in the differential, and what has been
7 excluded, and why has it been excluded, and has Dr. Langstein
8 satisfactorily answered that?

9 Just a couple of other notes. Dr. Langstein has been
10 retained over the years by numerous companies because of his
11 surgical expertise with biomaterials in complex hernias. So,
12 TELA Bio is one company. It's a biologic hybrid. LifeCell,
13 another biologic manufacturer for hernia repairs. They've used
14 him as a key opinion leader. He's actually testified for
15 defendants in hernia litigation related to biologic products,
16 and he certainly, like he did here, he used the general state
17 of knowledge to inform his case-specific opinions.

18 So, I think when your Honor looks at the depth of the
19 quotes and the detail to the explanation and his detailed
20 analysis, your Honor will find that, number one, he did an
21 appropriate job looking at all of the relevant studies.
22 Whether you call it general causation or information background
23 for specific causation, the labels I don't think really should
24 hang us up. The important thing is that he included the mesh
25 in his differential for very particular reasons, and he

1 excluded these other items for, likewise, very particular
2 reasons that are justified, that are based in the medicine and
3 based on information that could only be gleaned from internal
4 documents.

5 The last critique I want to just quickly address is
6 the single-study issue, the notion that Dr. Langstein only
7 relied on a single study that's 19 percent case series. Well,
8 first of all, your Honor, I want to point out that the
9 defendant -- the reason that there aren't many studies on this
10 product is because the defendant didn't finance them. We
11 believe in our case in chief we will show that the defendant
12 actively played a role in what got published and what didn't
13 get published. Number two, like any other doctor, and you'll
14 hear this, the weight of the evidence, with all of our experts,
15 they use multiple lines of evidence to inform their opinions.

16 And so, in this particular case, we do rely on the
17 actual human clinical studies related to this product. We,
18 likewise, also rely on animal studies related to this product.
19 But that information on itself isn't enough, and so we have to
20 look at the general body of scientific literature. Again, this
21 is a well-studied material, that is, hernia mesh is, and
22 there's about 60 years' worth of medical peer-reviewed
23 literature that talks about all aspects of design; and just
24 like the defendant relies on those when they go to the FDA, our
25 experts rely upon that other data in informing their opinions

1 about very specific attributes of these devices.

2 So, really, it's looking at the full body of
3 information and then drawing inferences from the pros and the
4 cons of everything. And that's what each of these experts is
5 going to talk about when they talk about the weight of the
6 evidence, and certainly the defendants may criticize how they
7 weigh one particular attribute versus another, but that is
8 truly fodder for cross-examination, and it is not certainly
9 within the Daubert sphere, appropriate to Daubert, someone who
10 can testify with specifics as to why something is included or
11 excluded from a differential etiology.

12 Thank you, your Honor.

13 THE COURT: Okay. Thank you. That was about a minute
14 over, but close. I'm going to give Attorney Armstrong a few
15 minutes. Go ahead.

16 MS. ARMSTRONG: Your Honor, Mr. Orent actually said
17 something that I agree with, and that is that labels shouldn't
18 hang us up. I think that this falls into the if it walks like
19 a duck category. If it looks like a generic causation opinion,
20 it's a generic causation opinion, whether they want to call it
21 "background," "context" or "ruling in." He's reaching an
22 opinion regarding whether or not the design of the device is
23 defective and whether that gives rise to these failure
24 mechanisms that he describes and that your Honor quoted at the
25 beginning of Mr. Orent's presentation. That's a generic

1 causation opinion. He does not have the qualifications to
2 render a generic causation opinion, and it doesn't matter how
3 he describes it or what -- if he's ruling it in because generic
4 causation is established, it's still a generic causation
5 opinion, and he doesn't have the expertise, and he didn't do
6 the type of work that is required to do a generic causation
7 opinion. He didn't follow that type of methodology, because
8 that methodology is just not in his wheelhouse.

9 In terms of him being able to rely upon their other
10 experts, he doesn't purport to do so, and he doesn't link up
11 any of the things that they say to his own particular opinions
12 and the failure mechanisms that he talks about. For example,
13 Mr. Orent made a lot of points about porosity. Dr. Langstein
14 doesn't say anything about porosity in his report. He doesn't
15 say, These are the clinical effects of porosity, these are the
16 problems with porosity, these are how porosities contributed to
17 Ms. Barron's injuries. He doesn't do the linking up; he
18 doesn't connect the dots for them.

19 And Mr. Orent didn't even discuss degradation, which
20 is the primary focus of Dr. Klinge, Dr. Guelcher and Dr. Dunn's
21 reports. Mr. Orent didn't mention it, because Dr. Langstein
22 doesn't mention it. He doesn't say that the mesh degraded and
23 that it caused these things. There's just no linking up
24 between their general causation experts and Dr. Langstein,
25 their specific causation expert, and they're trying to backdoor

1 it in by saying, Well, he has all this background and context,
2 and that's ruling in, but none of it's connected, and none of
3 it is within his expertise.

4 In terms of the instructions for use, again, Mr. Orent
5 in his argument just now expanded upon what Dr. Langstein said
6 he was going to testify to at his deposition, and we would just
7 rely upon his actual words at his deposition.

8 And in terms of the alternative causation, well, you
9 heard just now with Mr. Orent explaining why he thought those
10 alternative causations could be excluded, but that's not in Dr.
11 Langstein's report. He doesn't say he purported to do that.
12 The only thing he really addresses is smoking, and Mr. Orent
13 says, well that's based upon the medical records, but Mrs.
14 Barron would know whether or not her wound ever stopped
15 draining between when the hernia surgery took place and when
16 the explant surgery took place, and he doesn't and Dr.
17 Langstein -- even if Mr. Orent is correct, Dr. Langstein still
18 has to explain why he didn't account for Ms. Barron's
19 testimony, and he can't.

20 THE COURT: All right. Do you want to have another
21 minute, Mr. Orent, or are you good?

22 MR. ORENT: If I could just address one thing, and
23 that is, again, this notion of his lack of qualification and
24 then this inflammation piece -- excuse me -- degradation piece.

25 Number one, Dr. Langstein is perfectly qualified as a

1 medical doctor to assess the medicine and draw the connection
2 between the literature and these notions of general cause and
3 what happened in this particular individual.

4 With regard to this notion of degradation, we're going
5 to hear a lot about degradation throughout the rest of today.
6 It's important to understand "degradation" is actually a
7 terrible term to explain what actually degradation is.
8 Degradation or oxidative degradation is really taking a very
9 long chain of molecules that make up polypropylene and pulling
10 out small molecules so that you have a shorter molecule. There
11 are practical impacts of it, but it is not disintegration like
12 it would sound like it is. Importantly, the way I think about
13 degradation is --

14 THE COURT: That's one minute, Mr. Orent.

15 MR. ORENT: Sorry.

16 THE COURT: So, if you can really hurry up here. I
17 wanted to give you a quick opportunity to respond, but I
18 definitely don't want to lengthen this hearing longer into the
19 evening, for sure. Go ahead.

20 MR. ORENT: It's like rust on a bridge, and the
21 important thing for the Court to understand right now is it
22 produces inflammation. Dr. Langstein talks about inflammation.
23 That's what a treating physician sees, that's what a medical
24 doctor sees. All of the other experts talk about what brings
25 us from polypropylene to degradation to the inflammation.

1 Thank you, your Honor.

2 THE COURT: All right. Thank you.

3 Okay. I'm prepared to give you a ruling on
4 Mr. Langstein and document number 92. Having carefully
5 reviewed the briefing, having listened carefully to oral
6 argument, I am going to deny document number 92.

7 With respect to what Atrium knew, to the extent
8 defendants seek to prevent Langstein from opining that Atrium
9 had knowledge of the results of certain studies performed on
10 Atrium's C-Qur mesh product, the motion is denied for the
11 following reasons:

12 Defendants correctly note that Langstein, who's never
13 worked for Atrium, lacks any basis for offering opinion as to
14 Atrium's intent, motives or state of mind. However, the Court
15 finds that Langstein's report does not contain opinion as to
16 Atrium's intent, motives or state of mind. In relevant part,
17 Langstein opines that Atrium had knowledge of the conclusions
18 reached by the authors of studies conducted either internally
19 by Atrium or by consultants working on Atrium's behalf.
20 Moreover, Langstein has a clear basis for offering his opinion
21 that Atrium possessed knowledge of these studies and their
22 results. In each instance where he offers such opinion,
23 unremarkable opinion, frankly, Langstein cites in support
24 documents produced in discovery by Atrium establishing that
25 Atrium had records of the studies. In effect, Langstein's

1 proffered opinion as to Atrium's knowledge of the studies is a
2 shorthand way of expressing his expert opinion as to the
3 clinical implications of the studies' results while also
4 acknowledging that the studies came from Atrium. This is not
5 the equivalent of offering improper and speculative testimony
6 as to Atrium's intent, motives or state of mind.

7 Under Rule of Evidence 702, an expert may offer
8 opinion testimony so long as the testimony is based on
9 sufficient facts or data. Because Langstein had a clear basis
10 in fact for stating that Atrium knew about these studies and
11 their results, the motion is denied.

12 With respect to the extent to which defendants seek to
13 prevent Langstein from offering opinion as to the design or
14 function of Atrium's product, the motion is likewise denied,
15 because, first, defendants correctly note, one, that Langstein
16 has not used Atrium's product in his clinical practice; two,
17 Langstein is not a biomedical engineer or material scientist;
18 three, that Langstein has not performed his own material
19 science research or his own medical device biocompatibility
20 testing; and, four, that Langstein has not reviewed
21 manufacturing sterility testing for Atrium's product.

22 However, First Circuit jurisprudence establishes that
23 an expert's lack of specialization in the field in which the
24 expert offers an opinion affects not the admissibility of his
25 opinion but the weight the jury may place on it, and that's the

1 Mitchell case, 141 F.3d at 15 in the First Circuit.

2 Langstein is qualified to offer his proffered opinion
3 as to the design and function of Atrium's surgical mesh. He is
4 a highly experienced reconstructive surgeon, who has both
5 personally cared for hundreds of abdominal wall hernia patients
6 and who is the Medical Director and co-founder of the Abdominal
7 Wall Reconstruction Program at the University of Rochester
8 School of Medicine. He has worked extensively with surgical
9 meshes other than Atrium's and has studied relevant scientific
10 literature and manufacturing specifications regarding Atrium's
11 product. He does not offer any opinion falling outside the
12 reasonable confines of his areas of expertise.

13 To the extent defendants seek to prevent Langstein
14 from offering opinion that the design of Atrium's product can
15 result in lack of ingrowth, that is, failure of the patch to
16 incorporate into human tissue as intended, increased risk of
17 inflammation and/or increased risk of infection, the motion is
18 also denied and for the following reasons:

19 Defendants correctly note that Langstein has not
20 reviewed or identified human clinical studies establishing any
21 of the three putative failure modes of Atrium's product and has
22 not reviewed manufacturer's sterility testing studies of
23 Atrium's product. Defendants further correctly note that
24 Langstein is not an expert in inflammatory responses or in
25 infectious disease.

1 However, First Circuit jurisprudence establishes that
2 an expert's failure to rely on human clinical studies or,
3 indeed, on any particular form of scientific evidence or data
4 does not render the expert's opinion so unreliable as to be
5 inadmissible. And I'll cite, and I'll repeatedly cite, this
6 case from the First Circuit: Milward versus Acuity Specialty
7 Products, 639 F.3d, and specifically here at Page 24. The same
8 First Circuit case, Milward, also establishes that, even if the
9 factual underpinning of an expert's opinion is weak, that
10 weakness is a matter affecting the weight and credibility of
11 the testimony rather than its admissibility. Defendants'
12 arguments do not raise any of the traditional indicia of
13 methodological unreliability. That would be absence of peer
14 review, absence of acceptance in the scientific community,
15 unacceptable error rate, failure to explain methodology and so
16 forth. Instead, defendants' arguments, once again, go to the
17 weight and credibility of Langstein's opinion.

18 To the extent defendants seek to prevent Langstein
19 from offering any opinion regarding the component materials of
20 Atrium's product, the motion is denied for the following
21 reasons:

22 Defendants argue that Langstein should be excluded
23 from offering opinion as to the component materials of Atrium's
24 product because, although he expressed an intention to offer
25 such opinion, he purportedly did not specify the nature of the

1 opinion he intended to express. In fact, however, Langstein's
2 report contains Langstein's opinion that the component
3 materials of Atrium's product, its propylene mesh,
4 polypropylene mesh, and its fish oil coating have a tendency to
5 result in inflammation and infection. Indeed, it is precisely
6 the component materials of the product that Langstein
7 identifies as being the factor that results in increased risk
8 of an adverse clinical outcome.

9 To the extent defendants seek to prevent Langstein
10 from offering opinion that Atrium's products specifically
11 caused plaintiff Carrie Lee Barron's injuries, the motion is
12 denied for the following reasons:

13 Defendants argue that Langstein's differential
14 diagnosis methodology is unreliable. Specifically, defendants
15 argue that Langstein used an unreliable methodology to rule in
16 Atrium's product as a potential cause of Barron's injuries and
17 used an unreliable methodology to rule out Barron's
18 comorbidities, namely her history of multiple pregnancies and
19 her history of cigarette smoking as potential causes.

20 It is well established that differential diagnosis is
21 a proper scientific technique for medical doctor expert
22 testimony; however, differential diagnosis requires that the
23 steps taken as part of that analysis, the ruling in and the
24 ruling out of causes, were accomplished utilizing
25 scientifically valid methods. I get that also from the First

1 Circuit, Granfield versus CSX Transportation; and, again,
2 Milward I would cite as well.

3 Now, again, once again, I think defendants' arguments
4 go to the weight and credibility rather than admissibility.
5 The defendants' arguments that Langstein used an unreliable
6 methodology to rule out Barron's comorbidities as potential
7 causes of her injuries are also without merit; and I'm saying
8 also that their arguments that Langstein used an unreliable
9 methodology to rule in is without merit, goes more toward
10 weight and credibility than admissibility. I'm also saying
11 that the argument about unreliable methodology to rule out is
12 without merit. Langstein discusses Barron's comorbidities and
13 provides opinion within the scope of his expertise that they
14 were unlikely to have caused her injuries.

15 Defendants correctly note that Langstein made an
16 arguable factual error in connection with ruling out Barron's
17 history of cigarette smoking as a potential cause of her
18 injuries, although Attorney Orent just explained his
19 perspective and argument on that. Defendants' arguments
20 regarding Langstein's arguable factual error do not go to
21 methodological unreliability but, rather, to the weight and
22 credibility the jury will assign to Dr. Langstein's opinion.
23 Defendants may cross-examine Langstein regarding his grounds
24 for ruling out Barron's history of smoking as a potential
25 cause, but Langstein's arguable factual error does not

1 constitute grounds for exclusion of his specific causation
2 opinion.

3 With respect to the instructions for use, now, this
4 one, it seems to me, that through -- to the extent defendants
5 are seeking to prevent Dr. Langstein from offering any opinion
6 regarding instructions for use of Atrium's product, that motion
7 is denied for the following reasons:

8 Through his report Langstein offers opinions as to the
9 instructions for use only to the very limited extent that he
10 opines that the plaintiff, Carrie Lee Barron's, hernia repair
11 surgery using Atrium's surgical mesh was performed in
12 accordance with accepted guidelines and instructions for use.
13 Langstein's deposition is not inconsistent with this. Under
14 Federal Rule of Civil Procedure 26(a)(2)(A), a party must
15 disclose its experts opinion by the court-ordered deadline for
16 doing so, and it's well settled that undisclosed expert opinion
17 is subject to exclusion. So, to the extent he goes far beyond
18 that limited, very limited, statement then I do think at that
19 point defendants can stand up, approach sidebar and ask for me
20 to exclude it. But with respect to the limited nature of what
21 he's saying about the instructions for use, it seems to me that
22 that is a timely disclosed and very limited opinion. So,
23 that's denied.

24 With respect to general causation, to the extent
25 defendants seek to prevent Langstein from offering any opinion

1 as to general causation, based on plaintiffs' counsel's
2 assertion made in briefing that Langstein did not offer general
3 causation opinion, the motion is denied for the following
4 reasons:

5 In the course of this hearing plaintiffs' counsel has
6 clarified plaintiffs' position as to Langstein's opinion.
7 Specifically, plaintiffs' counsel's clarified that, to the
8 extent Langstein offers general causation opinion, he does so
9 only in support of his methodology, differential diagnosis and
10 as it ties into his specific causation analysis. So, with that
11 clarification, no grounds exist for excluding Langstein from
12 opining in this limited manner as to general causation.

13 Thus, for all these reasons docket 92 is denied in
14 full.

15 We will now move to the next document, which is,
16 Mr. Cheffo, document number 96, and the doctor at issue is
17 Scott Guelcher. Attorney Cheffo, go ahead.

18 MR. CHEFFO: Yes, your Honor. Thank you very much,
19 and I'm going to set my little clock here, too, so I can try
20 and stay on track.

21 So, we're not going to cover a lot of the law. Your
22 Honor is very familiar with it, and we've talked about it in
23 the brief. But having said that, just one point I think is
24 really important that covers Dr. Guelcher and covers I think
25 the rest of the three experts, right. The relevance fit aspect

1 of Daubert is really a core aspect of Daubert, as the Court
2 knows. The Supreme Court has basically told us in various
3 cases that evidence must be relevant and reliable. What I
4 think you've heard and will hear largely throughout this is
5 kind of the reliability aspect. That's what the plaintiffs
6 have largely focused on. But the relevance requirement is
7 echoed in 702(a), evidence is admissible if, A, the expert's,
8 dot, dot, dot, specialized knowledge will help the trier of
9 fact, right, understand the evidence to determine the fact at
10 issue.

11 So, in our view, and there is a reason for this, the
12 plaintiffs, you know, being good lawyers, have focused on the
13 reliability aspect, but they want to discount and essentially
14 dismiss the relevance aspect, and here's why: You'll hear
15 about or hear in the next argument degradation, migration.
16 They are part of the causal chain that would need to be
17 established, right? Mr. Orent talked a little bit about how he
18 might do that, but there's no fit here, because -- and I
19 strongly encourage your Honor, I know you have done this, but
20 we can read essentially the experts,' right, particularly
21 Dr. Langstein's deposition and his expert report, and he does
22 not talk about these issues in any way that would provide
23 notice, as your Honor articulated those rules. So, we'll talk
24 about in a minute the specific experts here.

25 And, again, Mr. Orent will correct me, but we tried

1 to, and I tried to look a little bit in the cases these experts
2 have been used before by Mr. Orent and his firm, and typically
3 what they do is they have -- one of the experts says, Well,
4 this can degrade from a materials perspective, a bench science,
5 and then they usually have had, as I understood it, a
6 pathologist who said, I specifically looked at this material,
7 and it actually did degrade, right? And then, when you have
8 that, then the specific causation expert says, Well, it can,
9 here it did, and now I can relate that to -- but what you're
10 going to hear in these arguments, and you've seen the papers
11 and you can look until kind of the cows come home, is that --
12 I've actually never seen it before where people say, I don't
13 know anything about this particular product, I've never touched
14 it, I never tested it, I don't know the materials about it.
15 It's made of polypropylene, so on the one hand they say it's
16 like 60 years of polypropylene, but, of course, the whole point
17 of their case here is that this is somehow different with
18 Omega-3 fatty acid coverings. So, the point here is you have
19 to connect the dots, right? And the plaintiffs just clearly
20 have not done that.

21 So, let me summarize the three points, as your Honor
22 asked us to do. I think that, in addition to the fit issue,
23 Dr. Guelcher talks about degradation, and he talks about *in*
24 *vivo* kind of conclusions, what but we know from his report is
25 all he's ever done is do kind of *in vitro* testing, right? Even

1 there it's kind of well outside -- and we cite some of the
2 standards -- it's all about the 20 percent versus 3 percent
3 peroxide. So, you have kind of opinions based on *in vivo* based
4 on *in vitro*. Then you have the fact that there's, which we'll
5 talk about, no data, facts or testing on C-Qur. Imagine a
6 materials expert who wants to offer an opinion on something but
7 literally has never seen, touched, tested or looked at any data
8 regarding the product that he wants to come into court and talk
9 about.

10 And then he's, obviously, not qualified to opine on
11 the clinical effects of mesh degradation. And this is kind of
12 the problem, right, is that, on the one hand, we're hearing,
13 No, no, no, no, he's not going to talk about it, and we say,
14 But here's what he's going to talk about, and essentially, one,
15 it comes very close to what we're saying he's going to talk
16 about; but, two, we're not looking at the actual expert report
17 and the depositions, right? It's one thing for Mr. Orent to
18 say, Well, here's kind of how it's going to work out, but we
19 have to be able to rely, as we have in this case, on what the
20 expert reports actually say and what the deposition transcripts
21 say.

22 So, let's get a little bit more specific, with your
23 Honor's indulgence, into this expert, Dr. Guelcher, Scott
24 Guelcher. He talks about C-Qur might degrade after it's
25 implanted, right? That's his opinion, it might degrade. He

1 hasn't looked at the data on C-Qur; he can't identify a single
2 C-Qur device that's been degraded; he didn't look for any
3 scientific study about C-Qur; he admits that his opinions are
4 general to polypropylene. So, again, there is an element here
5 of polypropylene. We all agree with that, but unless the
6 plaintiffs are willing to stipulate today that they're going to
7 say this is just about polypropylene, it's the same, but, as I
8 understood their entire case or their other expert report, is
9 there's an issue of this particular polypropylene and also the
10 coating issue and how it interacts. So, he hasn't looked at
11 the C-Qur, he's never held it, he's never examined it, he
12 didn't request an exemplar. Imagine that, not asking for a
13 particular example of it before you're going to come into court
14 and talk about it.

15 I know your Honor asked -- these are questions that,
16 frankly, every good judge asks in every Daubert hearing, right,
17 well, isn't this just kind of weight? But at some point,
18 right, it has to be more than just cross-examination, because
19 jurors believe people in white coats, and that's why in these
20 types of situations where people are -- this isn't just a
21 cross-examine issue. These are methodologies. From a
22 methodology, in order to opine on specific properties of a
23 medical device, it's kind of -- it would seem, and I think it
24 is, if we looked at the methodology, 101. You actually have to
25 know something about the actual medical device and the

1 substance, you have to touch it, you have to feel it, you have
2 to do research, you have to understand it, right, you have to
3 look at it, you have to test it. It can't be based on
4 extrapolation of some data that you can't even say relates
5 directly to it and what he's basically talking about what's
6 going to happen in the body, which he hasn't even done as to
7 polypropylene. So, he's never tested the hernia mesh, he
8 didn't look for any studies, he didn't review C-Qur studies, he
9 didn't look at the C-Qur data, and he doesn't know the
10 complication rate for C-Qur, yet he wants to kind of offer an
11 opinion about how this product will perform.

12 Let me just say in a minute, your Honor, why this is
13 so potentially, I won't say dangerous, but perhaps misleading
14 for the jury or at least unhelpful. If we were to basically
15 have somebody come in and talk about, like if you leave your
16 car, right, in your garage, at some point maybe over years just
17 natural air will -- the tires, right, the rubber in your tires
18 will kind of degrade at some point, right? And you throw that
19 out there to the jury. And here's the thing: I looked at it.
20 In the heat and the oxygen it will degrade. Then someone goes
21 out and has a car accident. But, in fact, the experts who
22 actually are going to talk about it will say it's because
23 there's like a slipperiness of the tire, right? The point
24 being that what the expert, the first expert, talked about is
25 not what the causation, the nexus, right, because they don't

1 have this pathologist to say that this was actually a defective
2 product?

3 So, all these issues are not tied into what, in fact,
4 Dr. Langstein has talked about. It's, frankly, not good
5 enough, respectfully, to just say, Well, I'm saying this is
6 about inflammation, and I have somebody doing these random
7 studies on polypropylene not related to this and then say
8 that's all tied into an inflammation analysis, because it's
9 just too far removed.

10 There's a few other points to make. There's also --
11 there's no ability and he cannot say that the degradation is
12 linked to a specific complication, right? So, you heard Mr.
13 Orent say, well, it's kind of, it's somewhat -- I don't know
14 that I disagree -- but "degradation" doesn't really mean
15 "degradation," it means anything else. But, nonetheless, it's
16 not tied to any complication or any human or clinical aspect,
17 as you'll hear also in kind of my next presentation. But here
18 it's just like, I've done some bench science on polypropylene,
19 don't really know anything about C-Qur, don't know how it's
20 going to interact. And, again, remember this was a product
21 that was only implanted in Mrs. Barron for two years, right?
22 So, by their own expert report he says, I've done this kind of
23 assuming a lifetime implantation. So, we don't know -- he
24 hasn't said, Well, over 25 years the degradation would be "X",
25 or, Here's what I would assume. But what's relevant here is

1 what's happened in two years, like, what would you expect?
2 What's happened under kind of certain body systems? We don't
3 know any of that, nor does Dr. Langstein elucidate any of those
4 or say, Here's how I've taken this into account, here's how
5 I've used this. But, again, the key issue here is we're
6 missing a pathologist, right to say, Ah-hah, the tire failed or
7 the mesh failed. We don't have that. No one can tell us about
8 the actual mesh in the case.

9 And also no one comments about if degradation impacts
10 the actual clinical outcome. We don't know, right, and this is
11 where it goes into the world of double speculation, we don't
12 even have anyone who will testify, Dr. Langstein, any of these
13 other folks, that there was degradation, right? No one will
14 say that this product actually degraded in the body. We have
15 these issues of kind of reactive oxygen species. I'm certainly
16 not going to get into the weeds on the details of that, your
17 Honor, how the oxidation affects, but if that is a factor,
18 right, wouldn't you want to know the materials? Wouldn't you
19 want to know about the oxidation levels of these particular
20 products? You would if you're going to be talking about C-Qur
21 mesh, but if you don't know anything about the product you
22 can't make any of those determinations, and Dr. Guelcher didn't
23 make any of those determinations.

24 Now, he relies on a paper that he coauthored examining
25 polypropylene outside the body. Again, as I've said a few

1 times, it's not performed on C-Qur, it doesn't reflect the ROS
2 in the body. First of all, it's not in the body, but
3 notwithstanding that the ISO standards suggest a 3 percent
4 hydrogen peroxide solution, and he used 20. This is not a
5 cross-examination issue, this is a methodology issue, right?
6 If basically the ISO says, if you want to replicate body
7 systems, you should look at test data using a 3 percent
8 hydrogen peroxide, and you use 20, that is not a
9 cross-examination issue; that is a methodology issue. Not
10 notwithstanding the independent studies, both of them were
11 written by mesh experts.

12 Now, finally, I'm just going to -- and I want to
13 reserve a minute or two -- but my last point in following the
14 outline that we have in the brief is the clinical effect of
15 oxidation or degradation in the body. This is a person who's
16 not an MD, not a pathologist, not an epidemiologist, didn't
17 review case-specific medical records, admits he can't offer
18 patient-specific opinions, he has no expertise in clinical
19 trial research on this subject, not involved in clinical
20 research regarding polypropylene, and he hasn't studied
21 clinical outcomes involving polypropylene. So, as to him, any
22 kind of comment of how this might impact in any body systems
23 based on his lack of knowledge or information about the actual
24 product, lack of *in vivo* studies and his lack of expertise in
25 this area -- if this was just about doing a polypropylene study

1 under bench science, yes, that would be something that I don't
2 think any of us question that this person can talk about, but
3 basically taking these incredible leaps and trying to say,
4 because of this amorphous degradation data on polypropylene
5 that somehow we're going to let the jury believe -- because
6 that's the point, right, your Honor? The point here is he's
7 going to testify. He'll say, Degradation, what is that, right?
8 I don't understand that. Migration, what is that? And they
9 want to actually create the impression that that somehow causes
10 inflammation in the body, right? And if they had the studies
11 to do that, wouldn't you have seen them in these briefs, if
12 they had the testimony that said it, in fact, does? But it
13 can't be the *ipse dixit* of kind of Dr. Langstein down the road
14 just saying, Yeah, inflammation, all this stuff going on and,
15 you know, Jurors, you should rely on it.

16 So, I'm going to stop there, your Honor. I think I
17 stopped at 13 minutes, so maybe I have a minute or two after
18 that.

19 THE COURT: You sure do. You sure do.

20 All right. Attorney Orent.

21 MR. ORENT: Your Honor, I promise to be shorter this
22 time. I want to start off by describing, again, what oxidation
23 is, and it is not disintegration of the device, but it is, in
24 fact, the molecular degradation from a large molecule to a
25 small molecule. What that does is it changes the strength of

1 the mesh, it hardens it, it causes surface cracking, which, in
2 turn, causes an increase in inflammation. This is well
3 studied. There are studies that go back to the 1980s with
4 Liebert and Williams, Costello, de Tayrac, that followed the
5 arc of the importance of degradation to clinical outcomes, most
6 recently articles by Moalli, Badylak.

7 The important thing for Dr. Guelcher is what
8 Dr. Guelcher does is he talks about it in the body. So, the
9 testimony that Dr. Dunn is going to talk about is that Dr. Dunn
10 actually did test this device, and what he found was that there
11 were certain what are called carboxyl peaks in the FTIR
12 spectrum which show that degradation has occurred, which means
13 that the antioxidants that are present in the polypropylene
14 have been used up, which means that this degradation process,
15 as a matter of basic chemistry, has started to happen, has
16 continued to happen, and it continues to happen as more mesh
17 gets exposed. So, the surface -- we know from Dr. Dunn's work
18 that the surface has degraded before it even goes into this
19 device. What Dr. Guelcher then talks about is how this process
20 continues in the body because of macrophages. Macrophages,
21 which you will not see really the defendants mention and the
22 importance of them, are part of the inflammatory process.
23 Whenever the body gets implanted with some foreign body, the
24 body's inflammatory process comes in, and it releases a number
25 of different cell types, and that's what Dr. Guelcher talks

1 about. He talks about the presence of these macrophages which
2 release peroxides to try and clear out the foreign substance,
3 and they attack the surface of the polymer, causing it to crack
4 and break and split, which in turn, again, causes more of this.

5 Now, all of this is modeled out, and it is well
6 accepted. This is not, and Mr. Cheffo draws distinctions
7 between some of the vaginal mesh cases, where there was a
8 pathologist that actually came in and looked at the explanted
9 mesh. Unfortunately, number one, we didn't have the explanted
10 mesh from this particular client; but, more importantly, we
11 know because of the manufacturing process here that this
12 particular mesh already was degraded before it went into the
13 body. This mesh went through heating at extrusion and then
14 during the crosslink and curing process, where the Omega-3
15 actually was converted into these saturated fats. It releases
16 peroxides into the material. Those peroxides then, in turn,
17 break off these carboxyl groups from within the mesh. And so,
18 Dr. Dunn took this mesh and put it under the FTIR spectrum and
19 saw that these carboxyl groups exist, that this mesh has, in
20 fact, degraded. Dr. Dunn then talks about it at the macro
21 level -- excuse me -- at the micro level, at the cellular
22 level. Why is that important? And so, the baton is handed off
23 to Dr. Guelcher within the body, and Dr. Guelcher talks about
24 these ROS molecules and the practice on the inflammatory
25 process.

1 Counsel is absolutely right. He's not going to talk
2 about the end points in humans. That's what Dr. Klinge is
3 going to talk about. Counsel, likewise, is right that he
4 doesn't know about the failure rate of the C-Qur device,
5 because he's talking about polypropylene. And after
6 antioxidants are expended polypropylenes are all the same. The
7 difference between different types of polypropylene is before
8 the antioxidant package is expended. But, again, Dr. Dunn's
9 work before talks about the reasons why that are both
10 theoretical through the mathematical equations that can be done
11 to prove that this heating process uses up the antioxidant
12 package, but then it's also verified by actual testing.

13 So, that's really the limited nature of Dr. Guelcher's
14 testimony. As far as this notion that he violated the ISO
15 standard, a couple of things. One, he's doing something very
16 different than the ISO test was intended to do. ISO 1099 part
17 13, which is the test that Mr. Cheffo is referring to, is
18 actually the *in vitro* degradation test for the -- not to prove
19 degradation but actually to look at the leachate materials and
20 the byproducts and look at it and its potential effect in each
21 organism. That's different than the test that Dr. Dunn, Dr.
22 Guelcher and Dr. Iakovlev published on. This test, this series
23 of studies, was actually peer reviewed and published in two
24 very distinguished journals. So, I think that we need to
25 understand this apples-to-oranges comparison in terms of what

1 the end points of each of these materials are starting to
2 prove.

3 Now, Exponent, which was hired by the defendants in
4 vaginal mesh litigation, actually went to go and disprove the
5 work that Dr. Dunn and Dr. Guelcher had done on the benchtop
6 testing, and they actually proved their very point, and they
7 classified their paper as intentionally oxidized. So, really,
8 again, this is one of those items where the devil's in the
9 details. I urge the Court to pay very particular attention to
10 what these experts are saying and not what they're not saying,
11 because it's really these transition points, and the clinical
12 impact as far as a treating physician or someone in Dr.
13 Langstein's position is this notion of inflammation, and that's
14 where Dr. Guelcher really talks about why is it that there's
15 this level of inflammation seen at the cellular level, what is
16 it that these reactive oxygenated species do, where do they
17 come from, and how are they important in this case?

18 Unless your Honor has any more questions, I will leave
19 it at that.

20 THE COURT: All right. Very good.
21 Attorney Cheffo.

22 MR. CHEFFO: Thank you. I'm going to try and keep it
23 at two minutes, your Honor. I don't know if I misheard or Mr.
24 Orent misspoke, but, just to be clear, as I understand it, this
25 mesh was never examined by anyone. So, when we talk about it

1 being examined by the doctor, Mrs. Barron's mesh, to my
2 knowledge -- this is just like the pelvic mesh issues, right?
3 I mean, the idea here is to say that it's different there
4 because there you'd actually want to find out if the mesh was
5 degraded. The fact that there was some testing done of some
6 other mesh, not this mesh, and then you determine that this
7 particular mesh was degraded, when no one has ever looked at it
8 before, during or after is not the way science is done.

9 He also said, you know, and I agree, right, he talks
10 about in the body. Just think about it. Again, this is where
11 we -- kind of where it started, right? This is a person who is
12 a professor of chemical and biomolecular engineering, right?
13 He's not a doctor, pathologist, epidemiologist, toxicologist,
14 he didn't review the records, but yet he's the guy who's going
15 to be talking about it in the body. And he also has never done
16 any *in vivo* studies. Even if we kind of disagree on the ISO,
17 at best, right, even if that was credited, that's an
18 outside-the-body study. So, having somebody -- and he also
19 agreed, Mr. Orent also agreed, excuse me, that the antioxidant
20 work is important. I think he said he recognized it, but they
21 don't know what it is, right? They have no idea what it is.
22 So, it's important to know what's going on in the body. This
23 is a person who's not a doctor, no medical training. He's a
24 chemist, right? And he didn't do any body testing. It's
25 important to know antioxidants. They don't know. It's

1 important to actually find out this product, whether, in fact,
2 it degraded or had any issues, however you want to define
3 degrading, degradation or migration.

4 The fact is we have zero, zero evidence from any of
5 the these guys, right, as to what happened with this particular
6 mesh? And we know that this is not kind of a monolithic or
7 like a spark plug you put in your car and you expect it. By
8 their own testimony and everybody's testimony, the different
9 body systems, how it's used, what happens in the body, the
10 length of time, the antioxidant packages, this is kind of like
11 a, you know, there's no one size fits all, and yet what we're
12 hearing here is that none of the experts really know anything
13 about this product.

14 And let me just say one thing from a sort of practical
15 perspective, your Honor. The fact of the matter is you've
16 already let in, understandably -- you've ruled, so we're not
17 going to kind of quibble about that, obviously, but this is --
18 Dr. Langstein's going to be able to testify in this case,
19 right? These folks are really kind of, they are outside what
20 the core testimony is of Dr. Langstein, right? What this will
21 do is just create another entire confusion amongst the jury as
22 to why we're talking about these issues when they're not tied
23 in any of the expert reports, and these are people who really
24 are not qualified to talk about, particularly Dr. Guelcher,
25 what's going on in the human body with respect to these issues.

1 So, thank you, your Honor, for the opportunity to talk
2 about this today.

3 THE COURT: Anything further, Attorney Orent?

4 MR. ORENT: No, your Honor.

5 THE COURT: A really minor, minor question; I'm not
6 sure it's material. But at some point the parties dispute
7 whether Guelcher offers a clinical opinion, and it appears as
8 though he does offer at least one clinical opinion. I just
9 want to clarify that with Attorney Orent. And it may be a
10 matter of semantics, but he talks about the clinical effects of
11 polypropylene mesh oxidation and degradation in the human body
12 in that he says it leads to adverse effects in the implantee,
13 including pain, scarring and inflammation.

14 Are you suggesting somehow that that is not a clinical
15 opinion?

16 MR. ORENT: So, pain, scarring, those are generic end
17 points that really don't discuss the clinical aspects of
18 anybody. So, when we talk about scarring, that's a process,
19 and you can talk about it in the abstract.

20 THE COURT: Okay.

21 MR. ORENT: And, likewise, these are processes. He's,
22 like I said, talking about it at the cellular level. He's not
23 going to be talking about the entire organism.

24 MR. CHEFFO: Can I just -- I mean, I don't think
25 there's anything more clinical than pain.

1 MR. ORENT: Well, your Honor, if it makes your job
2 easier, I can state that he will not mention the word "pain,"
3 he will not testify to any pain. That's not our intention,
4 just to make that crystal clear.

5 THE COURT: Okay. I think I want to start really with
6 Guelcher's expertise and just make sure it's in the record,
7 because he seems a highly qualified expert in this area. He is
8 a professor of chemical and biomedical engineering at
9 Vanderbilt University; he's the Director of the Vanderbilt
10 Center for Bone Biology; he performs original research in
11 biomaterials design and development; gene and drug delivery,
12 tissue engineering and related fields. He's published 96
13 peer-reviewed articles in those fields, including four on the
14 design of scaffolds that degrade in the presence of oxygen, two
15 on oxidation and degradation of polypropylene pelvic mesh and
16 24 on biologic tissue grafts. In addition, he's coauthored two
17 abstracts presented at scientific meetings relating to
18 oxidation of polypropylene in biomedical devices. And I've
19 just culled from his resume some of his expertise.

20 I'm going to sound like a broken record, I think,
21 because, again, your arguments go to weight and not
22 admissibility. I'm not in agreement that we're talking about
23 typical Daubert gatekeeping on methodology and typical
24 arguments that I need to keep from the jury. Ultimately, these
25 are going to be arguments you're going to make in your

1 cross-examination, your opening and your closing statements.

2 So, first, document number 96, the motion to exclude
3 Guelcher is denied, with one exception which we'll get to near
4 the end. But with respect to the argument that Atrium's
5 product -- he should not opine that Atrium's product can
6 degrade *in vivo*, to the extent defendants seek to prevent
7 Guelcher from opining that Atrium's product is subject to
8 oxidative degradation after implantation in the human body, the
9 motion is denied for the following reasons:

10 Defendants correctly note that Guelcher relied on
11 studies that did not involve Atrium's product but, rather,
12 other polypropylene samples. However, as previously noted,
13 First Circuit jurisprudence establishes that, even if the
14 factual underpinning of an expert's opinion is weak, that
15 weakness is a matter affecting the weight and credibility of
16 the testimony rather than its admissibility. And, again, I
17 cite Milward. There are two Milward cases. I think it is the
18 same Milward, but there are two different Milward cases. This
19 is 639 F.3d.

20 To the extent the defendants believe Guelcher's
21 opinion is weakly supported due to his reliance on studies of
22 polypropylene degradation in products other than Atrium's,
23 their argument goes to credibility or weight rather than to
24 admissibility.

25 Defendants also appear to argue that Guelcher's

1 opinion is irrelevant because plaintiffs purportedly do not
2 argue that polypropylene degradation caused plaintiff Carrie
3 Lee Barron's injuries. However, this argument is disingenuous,
4 because plaintiffs' experts collectively offer opinion
5 testimony that degradation of a polypropylene mesh in the human
6 body increases the risk of complications, including
7 inflammation and infection, and plaintiffs' theory is that
8 Barron's injuries were caused by such complications.

9 To the extent defendants seek to prevent Guelcher from
10 opining that the addition of antioxidants to a polypropylene
11 mesh may slow but will not prevent oxidative degradation
12 following implantation in the human body, the motion is denied
13 for the following reasons:

14 Defendants correctly note that Guelcher relied on
15 studies that did not involve Atrium's product but, rather,
16 other polypropylene samples. Defendants further note that
17 Guelcher has no specific familiarity with the antioxidant
18 properties of the coating Atrium uses in manufacturing its
19 surgical mesh product. However, as previously stated and
20 discussed, First Circuit jurisprudence establishes that, even
21 if the factual underpinning of an expert's opinion is weak,
22 that weakness is a matter affecting weight and credibility
23 rather than admissibility.

24 To the extent defendants believe Guelcher's opinion is
25 weakly supported due to his reliance on studies of

1 polypropylene degradation in products other than Atrium's,
2 their argument goes to credibility or weight rather than to
3 admissibility. Moreover, defendants' arguments do not address
4 the traditional indicia of methodological unreliability, that
5 is, absence of peer review, absence of acceptance in the
6 scientific community, unacceptable error rates, failure to
7 explain methodology and so forth. Guelcher's opinion that
8 antioxidants are only effective until they are depleted through
9 reaction with oxidants is of general applicability to all
10 antioxidants, not merely to the antioxidants Atrium uses in
11 manufacturing its surgical mesh product.

12 To the extent defendants seek to prevent Guelcher from
13 offering opinion regarding oxidative degradation of
14 polypropylene following implantation in the human body on the
15 ground that such opinion will not be helpful to the jury, the
16 motion is denied for the following reasons:

17 Defendants correctly note, again, that Guelcher does
18 not opine that Atrium's surgical mesh product degraded
19 following implantation in Barron's body and does not opine that
20 Barron's injuries were specifically caused by such degradation.
21 However, to prevail in their lawsuit plaintiffs must establish
22 both general causation that Atrium's product can cause injuries
23 like those Barron suffered and specific causation that Atrium's
24 product was, in fact, a substantial factor in causing Barron's
25 injuries.

1 First Circuit jurisprudence establishes that general
2 and specific causation are discrete, if related, issues and
3 that a plaintiff like Barron must establish both. Again,
4 that's the Milward case, 820 F.3d at 471. While Guelcher
5 offers no opinion as to the specific causation of Barron's
6 injury, his opinion is clearly relevant and potentially helpful
7 to the jury in connection with the question of general
8 causation.

9 To the extent that defendants challenge the
10 helpfulness of Guelcher's opinion on the ground that Guelcher
11 relies in part on *in vitro* studies, their arguments go to the
12 weight and credibility rather than admissibility. Again,
13 that's the Milward case, this time the older Milward case,
14 639 F.3d.

15 With respect to Mr. Guelcher's qualifications to opine
16 as to clinical effects, to the extent defendants seek to
17 prevent Guelcher from offering opinion as to the clinical
18 effects of oxidative degradation of polypropylene mesh
19 following implantation in the body, the motion is granted as to
20 pain and opining as to pain but is otherwise denied for the
21 following reasons:

22 Defendants correctly note that Guelcher is not a
23 medical doctor, and that he does not perform original clinical
24 research, and that he did not consult plaintiff Carrie Lee
25 Barron's medical records. Defendants further note that

1 Guelcher has not worked with or studied Atrium's product
2 specifically. On these grounds defendants argue that Guelcher
3 lacks the qualifications to offer expert opinion as to the
4 clinical effects of oxidative degradation of polypropylene mesh
5 following the implantation in the body.

6 However, First Circuit jurisprudence establishes that
7 an expert need not be a specialist to offer admissible
8 testimony so long as the expert has achieved a meaningful
9 threshold of expertise in the given area. Guelcher is well
10 qualified to offer the limited clinical opinion he proffers
11 through his report. Guelcher is a qualified biomedical
12 engineer with significant experience in biomaterials design and
13 development, drug and gene delivery and tissue engineering.
14 He's performed original research on oxidative degradation of
15 polypropylene in medical devices. He opines, in summary, that
16 degradation of a polypropylene mesh following implantation in
17 the human body can cause pain, scarring and inflammation in the
18 implantee. His expertise in biomaterials design and biomedical
19 engineering qualifies him to offer that opinion with respect to
20 scarring and inflammation, not with respect to pain, and Mr.
21 Orent has agreed to remove any mention of pain to the extent he
22 offers any clinical opinion.

23 So, with that one exception, document 96 is denied.

24 And now we're going to take a break for the benefit of
25 everybody, but mostly our court reporter, and we will be back

1 here at 10 of 3:00, so 2:50. All right.

2 (Recess taken from 2:35 p.m. to 2:52 p.m.)

3 THE COURT: All right. Attorney Cheffo, defendants'
4 motion -- this is document number 98, and I'm not sure I'm
5 pronouncing it right. Maybe Klinge?

6 MR. CHEFFO: I think it's Klinge, too, but Mr. Orent
7 knows better than both of us, so he can tell me if I'm getting
8 it wrong.

9 THE COURT: Okay, go ahead. You both have done very
10 well, so keep going.

11 MR. CHEFFO: Thank you, your Honor. And thanks,
12 again, for the opportunity. I'll have to say I wasn't quite
13 expecting the immediate feedback, but it's helpful for us, so I
14 know that took some work on your part to do that. So, thank
15 you for that.

16 So, your Honor, the one thing, on the break also I had
17 a chance to go back in another case that you've been relying
18 on. It's actually, again, instructive to know where the
19 Court's frame of mind here is, and I just say this because I
20 think we're in two different categories, right? So, the one
21 quote I think from the case we have been talking about is when
22 the factual under pinning of when an expert's opinion is weak
23 it's a matter affecting the weight and credibility of the
24 testimony, dash, the question should be resolved by the jury,
25 right? And that's at least what we've been talking about.

1 But the next sentence says, of course, following
2 Joiner, and I know your Honor is aware of this, but a District
3 Court properly may exclude expert testimony if the Court
4 concludes too great an analytical gap exists between the
5 existing data and the expert's conclusions. So, I don't think
6 what I'm going to be saying is inconsistent, you know, which
7 is, sure, if there's facts and people quibble about them, and
8 we may argue and disagree whether it's methodology or facts,
9 but I would, again, submit in a case when you have no data
10 about the product, right -- this isn't beyond good lawyers and
11 good experts, right, to say, hey, can I take this, can I test
12 it, can I look at some data? They have mounds of discovery and
13 information. When there's no testing of the actual product,
14 when there's no clinical studies of the product, when there's
15 no actual knowledge of the product or how it works or any
16 effort to kind of replicate in the real world, we would just
17 submit that that brings us into the Joiner category as opposed
18 to perhaps let kind of the lawyers fight it out in
19 cross-examination. There is a point, right, where it's kind of
20 a bridge too far, and we think as to some of these that's kind
21 of the basis of our argument, your Honor.

22 So, Dr. Klinge is a former hernia surgeon who used
23 mesh. He offers opinions that C-Qur is defective but no
24 case-specific opinions, as I understand it. He doesn't allege
25 that there's any purported defects in the mesh that he's

1 identified with respect to Mrs. Barron's injuries, and he does
2 talk about, we believe, some state of mind, knowledge,
3 corporate conduct and speculative issues for which we both
4 moved here, but he's also been excluded in other courts for
5 those same types of issues. I think that some of the other
6 things, he's talked about it being over-engineered, the pores
7 too small, which is the porosity issue we've talked about, and
8 he's also talked about there being safer alternatives to the
9 C-Qur mesh.

10 So, to start on what, again, I think are some
11 methodology issues -- and we know that at least Courts in the
12 Lipitor, Judge Gergel in the Lipitor MDL and Judge Rufe in
13 Zolofit, we did highlight one example of where he looked at a
14 particular study, and you have the deposition testimony in
15 front of you in the brief, where he basically says, Yeah, I
16 read that, I agree with that, you know, I relied on it, but I
17 don't agree with the authors, with no explanation. So, that is
18 a methodological flaw, and that kind of cherry picking is
19 exactly what both of those judges in those MDLs have looked at
20 in determining in large regard striking the experts in those
21 cases.

22 In addition to that, in order to form conclusions from
23 a methodology perspective, there are certain, again, rules of
24 the road. These aren't just factual disputes, but there is no
25 data experience or testing in humans to kind of support these

1 theories, and it is a well-accepted methodology that animal
2 studies and bench science can be instructive, but they cannot
3 replace findings and clinical study data, and they don't even
4 necessarily always have to be double-blind placebo-controlled
5 trials, but you have to have I think under the methodologies
6 and what many of the Courts have looked at kind of common
7 practice, you have to look at certain clinical data. And here
8 we can search the record high and low. There's no clinical
9 study that patients report more migration with C-Qur other than
10 mesh, right? So, if your opinion is that this product is kind
11 of less safe or has more issues than other products, one would
12 think you have to have a baseline. What is the rate, what is
13 the testing in humans, what does the data show, and then what
14 do others show before you can draw those conclusions? But we
15 don't have any of that. Dr. Klinge cannot point to a single
16 clinical trial that implicates there are more complications of
17 any kind with C-Qur compared to any mesh. So, a bridge too far
18 under Joiner to be able to say, I'm going to form that
19 conclusion when, at best, I have a few animal studies and a few
20 things we've already talked about. I won't repeat them again.

21 But these are folks who haven't looked at C-Qur mesh,
22 right? It's somewhat extraordinary in an MDL bellwether that
23 we're now going to have doctors talking about the products
24 without ever having looked at specific data on these products.

25 So, they talk about, you know, polypropylene

1 degradation. Again, the data that they've relied on doesn't
2 support that. There's no evidence that C-Qur degrades, right?
3 He has not talked about -- he admits that he has no data that
4 C-Qur degrades. He's never seen degraded C-Qur mesh. He's not
5 aware of any physician or researcher reporting fragmented
6 polypropylene fiber. His opinion that the degradation is an
7 option or a risk that may occur is speculation.

8 Again, if we had specific data, your Honor, that said
9 here's the run rate, here's the failure rate, here's the
10 issues, or conversely, I think I would have a much harder
11 argument and, honestly, probably would not have been here today
12 making this motion if -- I may disagree with it, but if their
13 testimony or their expert opinions were, you know, 99.99
14 percent of this happens and it happens within two years or 100
15 percent, then we can disagree with that, but you're basically
16 saying it's everything. But that's not what any of these
17 experts are saying, right? They're saying it's possible, it
18 may, there's various factors.

19 So, no one is even saying in connection with Mrs.
20 Barron in the two years that it was implanted within her here's
21 data that's showing that there's a high likelihood of failure
22 within those situations, right? We don't have any analogous
23 data or clinical trial information that would actually relate
24 the usage, the fit, the bridge too far to what Mrs. Barron
25 actually has experienced. What we have is mesh generally,

1 polypropylene can degrade over some period of time under some
2 conditions, not in everybody. That's exactly the speculative
3 type of testimony that I think is what Daubert is for.

4 Now, again, because they can't figure out whether, in
5 fact, this mesh -- imagine, again, and I don't mean to continue
6 with the hypotheticals, but we're in a situation that we're
7 having folks who will talk about potential possibilities, but
8 no one's saying there was degradation, and then someone's going
9 to basically say, even though there's no one saying that in
10 this case there was degradation, I'm going to be able to say
11 that I think the inflammation or infection was caused by
12 degradation, which the experts who talk about it can't even say
13 occurred in this particular case. No one can say that, because
14 there's no data for that. He testified that no physician has
15 an explanted mesh, has indicated degradation for this specific
16 patient.

17 On the oxidation issue from a qualification he opined
18 that C-Qur oxidizes in the body and oxidation causes the mesh
19 to degrade, and he relies on the OIT testing to support that,
20 but he admits that he's not an expert in OIT testing and
21 actually doesn't know anything about the test. This is the
22 back and forth in the deposition:

23 "Are you an expert in OIT testing?"

24 "OIT testing?"

25 "Yes, sir."

1 "I don't know what it is. What is the abbreviation
2 for?"

3 "Are you an expert in oxidized induction time
4 testing?"

5 "No."

6 Again, his opinions with respect to the coating. Now,
7 I know the advocates, the lawyers, the good lawyers will talk
8 about cytotoxicity and how this can have infection, but the
9 actual experts, the basis for that, the evidence, is that he
10 opines that the coating effectively closes the pores,
11 inhibiting tissue growth, and cytotoxicity causes cell death,
12 chronic inflammation, increased risk of infection; yet he can't
13 opine that the coating is unsafe, he only has a concern about
14 it. That's speculative. That's a methodology issue. He's not
15 prepared or was not prepared to opine that C-Qur coating is
16 cytotoxic. It may be, but he hasn't made that conclusion. He
17 can't say whether C-Qur coating is cytotoxic, nor has he formed
18 a conclusive opinion that C-Qur coating is cytotoxic in any
19 particular patient. So, he relies on Petri dish testing to
20 form coating concerns. So, he has concerns it may affect some
21 people, it's possible, it's theoretical. This is not typically
22 a methodology that experts would be allowed to testify with
23 respect to general or specific causation. And he admits that
24 his testing, quote, has serious limitations and, quote, do not
25 reflect real life.

1 Just briefly, I think there's anecdotal communications
2 from two doctors. You're right. If you were to ask or say,
3 Could you cross-examination on those, the answer would be, Yes,
4 but I think the question, again, is that it's not forming the
5 types of views here. You have to look at what the
6 methodologies, what's generally accepted, right, for people to
7 form these types of conclusions, and it's not basically looking
8 at the types of information and data that this particular
9 expert has looked at in order to form his conclusions.

10 Now, he's admitted that he's not offering any
11 plaintiff-specific causation opinions.

12 With respect to inflammation markers, he claims that
13 certain inflammatory markers reflect intensity of inflammatory
14 reaction. He also offers opinions on other aspects of the
15 inflammatory markers. But these are irrelevant, because he's
16 not actually tested C-Qur inflammatory markers.

17 Again, this goes to the idea that, in order to say
18 this is better than that, or there's more rate than that,
19 what's the inflammation rate, he doesn't know what the
20 inflammation rate -- he hasn't tested the inflammation rate for
21 these products, so how can you make conclusions about this
22 product versus other products?

23 Same thing is true for weight, your Honor.

24 And, finally, I want to, again, be mindful of the
25 Court's schedule and time and the court reporter, but I don't

1 know what Mr. Orent will tell us about the opinions concerning
2 knowledge and state of mind and corporate conduct. We think
3 reading the clear language of the report and what he said, that
4 if it was so easy, all of us to just say, well, this kind of
5 goes to the state of mind or knowledge, I think you have to
6 really look at what the core is of what he's trying to talk
7 about and what positions he's offering in testimony, and he's
8 actually been excluded from offering these opinions in the
9 pelvic mesh litigation. That's the Ethicon Pelvic Repair, the
10 West Virginia litigation in 2014.

11 So, unless your Honor has specific questions, I know
12 you've been through this, or maybe you'd like him to address
13 them and I'll reserve a minute or two, if I could.

14 THE COURT: Yeah. So, basically you're saying in the
15 West Virginia case the judge prohibited Klinge from citing as
16 Atrium's knowledge Atrium's own research and documentation, or
17 were you saying something else there at the end?

18 MR. CHEFFO: It's under the caption of kind of state
19 of mind, corporate conduct should be included. Just to be
20 clear, your Honor, I don't think anyone -- we've all kind of
21 been in these rodeos before. I mean, having somebody's own
22 kind of corporate documents, right, saying is this a factual
23 document, usually you don't need five experts to say it or a
24 kind of biomaterials person, but leaving the implication like
25 what the jury is supposed to do, what's the implication of

1 that, did they know that, does that mean that they are
2 negligent, was it wrong, that's usually what the Courts, right,
3 don't allow these folks to do? But getting in a document that
4 says on "X" date, and usually it's a regulatory person, Did you
5 inform the FDA, when did this study come out? But drawing the
6 conclusions how that may have violated a standard of care or
7 what companies knew or what they should have done, those are
8 the types of things that, in my experience, more often than not
9 and much more often than not the Courts limit that, because
10 they basically say we don't really need an expert to tell the
11 jury what they should be thinking about whether the company
12 violated the standard of care, whether this is something they
13 knew or should have known. That's exactly what the negligence
14 and other standards are.

15 But to be clear, no one's suggesting that we're trying
16 to keep out otherwise admissible documents; it's just the
17 impressions and the testimonies that these folks are trying
18 to --

19 THE COURT: But what's remarkable about him saying
20 that Atrium knew because these are Atrium documents? And if
21 there's a case, if there's a case that says that, while that
22 may be an obvious proposition, an expert should not be allowed
23 to say that Atrium knew because these are Atrium documents,
24 that that would be improper. What is the case that says that,
25 because I'd like to look at it? Obviously, I already held with

1 respect to one expert that I didn't see it as really opining on
2 intent or motives; it was sort of stating the obvious, that
3 these are propositions in Atrium documents, so, therefore,
4 Atrium must know about this. So, if there's a case, that's
5 what I want to know, because I want to look at it before I get
6 off this video conference, study it carefully, and make sure
7 that I've got this right. Obviously, I can correct myself
8 later.

9 But I'm not seeing this as falling into that sort of
10 danger zone. I agree that Klinge testified in other cases, and
11 he made some statements about mesh manufacturers and their
12 concerns and their intent and their motive and how they should
13 have been more concerned about their mesh design rather than
14 telling a nice story, I think he testified, rather than telling
15 a nice story to physicians to justify selling their inferior
16 mesh products, blah, blah, blah. I mean, I can see where a
17 judge keeps that out. But simply saying, well, these are in
18 Atrium documents, therefore, Atrium knew -- and, again, I'm
19 willing to keep that out. It's just not going to make or break
20 plaintiffs' case. They are Atrium documents.

21 And so I'm willing, certainly, to reconsider that, to
22 the extent it is improper for the expert to say that in front
23 of the jury, but I'm just not seeing it as falling into some
24 sort of danger zone. He's only saying it to the extent they
25 are Atrium documents. He doesn't know whether the specific

1 Atrium employees or CEOs and others at Atrium who testify know.
2 But what are they going to say, No, I never knew that?

3 MS. ARMSTRONG: Your Honor --

4 THE COURT: I can see that Attorney Armstrong might
5 want to say something. Go ahead.

6 MS. ARMSTRONG: Your Honor, if you look at the cases
7 that are cited in our brief, one of them is Rezulin, the other
8 one is Zofran. I am having trouble finding my notes, the names
9 of the other ones. I think we cited about four cases.

10 THE COURT: Give me the cite again of the one that you
11 think is the most persuasive, because I'm going to go get it,
12 and I'm going to reread it just to make sure.

13 MS. ARMSTRONG: I would say Rezulin. Let me find that
14 cite for you.

15 THE COURT: Okay. And if you find it, just give it to
16 me at any point, because I can come back to it.

17 MS. ARMSTRONG: Rezulin is 309 F.Supp. 2d 531, and
18 what they do is they talk about two aspects of this use of
19 expert testimony this way. One is the state of mind aspect,
20 that it's speculative to speculate about the state of mind.
21 The other is it's just pure narration, and that's what Mr.
22 Cheffo was getting at, they're just reading documents into the
23 record. Notice, again, is a question for the jury. It doesn't
24 require expertise for the jurors to determine whether or not
25 there's notice to the defendant or not. They can read these

1 documents and draw their own conclusions. They're just using
2 the expert as a narrator, and Courts have rejected that as
3 well. Again, they describe it as narration.

4 MR. CHEFFO: And just really quickly on this point,
5 your Honor, I think, again, maybe it's just that I'm a little
6 jaded or -- again, I don't think, and I don't want to be
7 presumptuous with Mr. Orent, but this is not just like an
8 authentication-type issue, right, like, Okay, is this a
9 document, can you look at this, is this the FDA, read it, it's
10 one page, did they do this? Yes. That's not what this motion
11 is about. That's not typically -- what usually happens is a
12 lot more, and that's what we're trying to avoid, if you give us
13 some guidance, I think, about what your view of this is. This
14 is not trying to keep out otherwise admissible documents or
15 having an expert refer to a specific document.

16 But there's two issues, right? One is just this whole
17 kind of story, and then there's a 50-page document, they tell
18 one issue and they highlight. But there's usually a lot more
19 subtle commentary, and if you kind of allow that or don't have
20 very strict rules on it, then the trial becomes much more
21 cumbersome, much more -- particularly if we're not going to be
22 able to do it live, about what it is. So, I suppose we'll hear
23 from Mr. Orent what he actually thinks this expert wants to
24 say.

25 THE COURT: All right. Let me just say this, and help

1 me out, Attorney Orent, just on this one issue, because I do
2 want to make sure that I get this ruling correct. I mean, I'm
3 giving you my sense of it obviously as a trial judge, but there
4 is a part of me that is open to this notion that having the
5 expert say, "Atrium knew this," that's a problematic statement,
6 I can see that, and I know they're relying on a case, Ethicon I
7 think is the name of the case, Attorney Armstrong, where it
8 looks like the judge did exclude Klinge's testimony that was
9 similar to what it looks like I'm allowing.

10 Now, again, I don't find it highly objectionable, but
11 I'm also wanting to know is this a hill you're going to die on,
12 or can you live without Klinge and was it Langstein saying
13 Atrium knew; here are the Atrium documents, therefore, Atrium
14 knew? You don't have to have them say that Atrium knew. I
15 mean, I think the jury's going to hear "Atrium documents" and
16 they're going to presume Atrium knew or certainly should have
17 known. That is so obvious. Can you live without your expert
18 actually saying, Atrium knew that blah, blah, blah because
19 blah, blah, blah was in their own documents? Can you live
20 without that in terms of Langstein and Klinge?

21 Because I'm giving you a lot of the rest that you're
22 asking for, but I do see what they're saying with respect to
23 this, and I think Attorney Armstrong is correct, having looked
24 just at the language quickly of Ethicon, and, again, it's an
25 F. Supp. 2d. I'm not sure I necessarily would have kept it

1 out, but it is, it's kept out, because the Court found that it
2 was impermissible state of mind testimony, which is exactly
3 what Attorney Cheffo and Armstrong are arguing here. So, I'm
4 inclined to reverse myself on that portion of Langstein and
5 allow this portion with respect to Klinge. Can you live with
6 that? Because if for some reason your whole case is counting
7 on that, I want to hear the argument, but I can't imagine it.

8 MR. ORENT: So, your Honor, can we live with it? Yes,
9 but I think that the Court needs to understand that there's two
10 very important distinctions here that you're not being given
11 right now.

12 THE COURT: Okay.

13 MR. ORENT: The first is -- there are two bases that
14 Mr. Cheffo is arguing that documents should not be used with
15 these witnesses. The first basis --

16 THE COURT: He's not saying that they're not to be
17 used, I don't think. He's saying he doesn't want your expert
18 saying Atrium knew --

19 MR. ORENT: Correct.

20 THE COURT: -- because of these documents Atrium knew.

21 MR. ORENT: Right. And number one, as your Honor
22 pointed out, that's actually not state of mind. That's not the
23 kind of testimony that Judge Goodwin in West Virginia was
24 talking about. He was talking about the sort of comments that
25 you were talking about a moment ago. And, in fact, we were

1 very well aware of that Daubert decision, obviously. Not only
2 was my firm and myself personally involved in that litigation
3 very heavily, but we read the opinion again prior to issuing
4 this report and made absolutely sure that we didn't run afoul
5 of any of those margins that were there.

6 Here's the issue, though. This is the real important
7 issue. Mr. Cheffo and Ms. Armstrong are arguing about those
8 documents that are evident on their face. When we're talking
9 about complex issues of medicine a lot of the issues are not
10 evident on their face as to what was actually known.

11 Interpreting an animal study requires an expert to explain it:
12 What's the significance of this, Doctor? What does this mean,
13 and put this in context of what the company knew, okay? Was
14 this a red flag? Why? It's not putting it into the state of
15 mind, but it's providing expert interpretation of a document
16 that requires it. It is, by definition, outside a layperson's
17 understanding.

18 And so, I think we need to have context. Whenever we
19 talk about excluding documents in an amorphous sense, we have
20 to look at what are the documents? Because internal documents
21 are these animal studies.

22 THE COURT: Again, he's not arguing to keep the
23 documents out. He's just arguing, Judge, don't let the expert
24 sit there and say, because of these documents, Atrium knew what
25 was in the documents.

1 MR. ORENT: Again, I think it's important that these
2 experts utilize them. One of the things that's really
3 important about these cases is, and your Honor is undoubtedly
4 aware because of the 510(k) regulatory process that the
5 defendant chose to go through, there's very limited data that
6 the company collected, okay? There was benchtop testing, there
7 were some animal tests, and then they relied upon studies in
8 the peer-reviewed literature to say that their product was
9 comparable to these others, and that's what substantial
10 equivalence means, and you'll hear that argument later, but at
11 its underpinning the company made determinations that this
12 product was safe based upon this limited data of information.
13 I need to be able to ask Dr. Klinge, Could a company have
14 believed that their device was safe based on this information?
15 I need to be able to ask him, What does this mean, what does
16 this inflammatory finding mean? Did the company interpret it
17 correctly? All of those questions require expert
18 interpretation, and that's --

19 THE COURT: Okay. That seems legit, but asking, Did
20 Atrium know --

21 MR. ORENT: Well, again, it's what are we asking they
22 knew? Did they know that there was a tissue response and
23 increased inflammation response that would lead to X, Y and Z,
24 where he's putting together the puzzle pieces based on
25 different scientific works that are happening within the

1 company, and were the red flags there, and then he concludes
2 that a particular piece of information is a case? He's not
3 going to be opining that these people are bad people.

4 But my issue is we're dealing with this in such a
5 vacuum right now that I get the sense that Mr. Cheffo is
6 arguing somewhere where I have no intention of going. If you
7 look at the report, within the four corners of the report that
8 Dr. Klinge offered, he's very particular on what he relied upon
9 and what he's going to testify. We're not using him to talk
10 about whether or not Atrium was negligent in terms of their
11 statements within the company about some of these emails that
12 go back and forth. He didn't rely on those emails, he didn't
13 rely on that sort of information, so he's not going to talk on
14 those sort of things. So, we just need to be very particular.
15 Dr. Klinge is going to say the things that he was disclosed to
16 say, and I still haven't heard with any degree of particularity
17 what that is that he can't say based upon the documents that
18 he's using. Again, those are primarily animal studies or other
19 documents that provide some basis for more detailed scientific
20 information. It's not his purpose to talk about corporate
21 motives, corporate intent or even the propriety of corporate
22 conduct.

23 MR. CHEFFO: Your Honor, should I stand down, or
24 should I just take 30 seconds while you're on this issue only?

25 THE COURT: I'm looking at all of my notes with

1 respect to what you argued in the brief, and obviously you've
2 alerted me to certain opinions about what Atrium knew, and
3 you're saying they should be excluded.

4 MR. CHEFFO: Right.

5 THE COURT: So, I'm looking at those right now, and
6 you quoted, Atrium knew the C-Qur line was denser, and Atrium
7 knew of the propensity for increased inflammatory response
8 caused by increased density. Additionally -- this is all from
9 Dr. Klinge.

10 MR. CHEFFO: Right.

11 THE COURT: Additionally, Atrium knew it was using a
12 monofilament resin manufactured by Secant Medical that was not
13 intended for use in medical devices. Those are just some
14 examples. Atrium should have been aware of the likelihood of
15 degradation and subsequent oxidation.

16 MR. CHEFFO: Right.

17 THE COURT: That seems an area that you're not
18 necessarily arguing he can't say. It seems to me you're saying
19 how can he say, an expert, say Atrium knew anything.

20 MR. CHEFFO: Well, I think there's two issues. One is
21 the narrative issue, right? But just to be clear, this is why.
22 I wrote it down, and forgive me if I didn't get it exactly
23 right, but he said, you know, I need to be able to say could a
24 company have believed it was okay to submit an application to
25 the FDA based on a report. What goes more to state of mind

1 than speculation, right? How could someone have done this?
2 Now we get into, like, you're trying to basically say here's a
3 document -- I think Mr. Orent was talking about it in the
4 context to explain it -- here's a study, look at this, question
5 from lawyer: Based on that, could a company have responsibly
6 submitted an application to the FDA? Isn't that exactly state
7 of mind? Isn't that exactly corporate conduct? Isn't that
8 exactly -- because we know they did, and we know that it was
9 approved or cleared by the FDA. So, the idea of basically
10 questioning the state of mind of how someone could have done
11 it -- you know, this is not a psychology exam. This is, right,
12 a materials expert? The idea is, if the facts come in and the
13 record is there, the lawyers can argue that later at some
14 point, if your Honor allows it, but allowing people to question
15 and experts to opine on what a company knew and should have
16 done and could have done, that's exactly what all these cases
17 talk about.

18 THE COURT: I know, but here you have documents that
19 themselves are internal Atrium documents. I don't know what
20 they had in Ethicon in terms of what Klinge was talking about,
21 but here whatever they say has to be tethered to the actual
22 evidence, the documents and the data, and what Attorney Orent
23 is suggesting is that his experts will opine and will be
24 tethered to the actual documents that were Atrium documents.

25 I think this ultimately is something that I could

1 revisit ultimately during trial. This is not one of those
2 issues, classic Daubert issues, really; this is one of those
3 basic evidentiary questions as to whether somebody can testify
4 in the manner in which we're talking. It's hard for me to rule
5 on it without being in the trial and hearing what the evidence
6 is, what documents is Attorney Orent sure that I'm going to
7 agree with him that these experts can answer the question he's
8 going to -- I need to see the documents, I need to hear the
9 testimony in order to really make a ruling.

10 So, I think with respect to this portion of both the
11 Langstein and this Klinge argument about what Atrium knew, I
12 will tell you that I don't see it as a stretch. Now, I don't
13 know what was in Ethicon, I don't know what the documents were
14 in that case, but I don't think I would have prohibited
15 somebody from saying, based on those documents, the company
16 documents, the company knew that "X" was true. That's just my
17 sense of it. So, I might not agree with the ruling in Ethicon,
18 it may not control -- it may not have facts that are similar to
19 this case.

20 So, what I would say to you is that my reaction to
21 this issue is as I originally held with Langstein. This just
22 doesn't seem like state of mind to me. It seems like it is
23 hardly a stretch for somebody to say based on Atrium documents
24 Atrium knew "X," assuming they're based on the documents.

25 So, I'm going to say to you that my ruling is going to

1 be the same with Klinge as it was with Langstein. I will
2 revisit this at trial if ultimately this does not pan out as I
3 am hearing it and as I anticipate that the evidence will come
4 in based on what I'm hearing.

5 So, this does not seem to me to be a hill that you're
6 going to die on, Mr. Orent, but ultimately if, in fact, it
7 comes close to something like state of mind or intent evidence
8 and it comes out in a way that would be more like what Klinge
9 did in Ethicon, then I think at that point I would reverse
10 myself on this particular question.

11 So, I'm going to say to you that I'm going to make a
12 provisional ruling on that small aspect of Klinge and Langstein
13 and alert you to that fact. But with respect to the other,
14 obviously, scientific arguments that you're making with respect
15 to qualifications and reliability, obviously, I want to give
16 you a ruling on those that's solid that gives you a ruling so
17 you can move forward in the case and understand how I'm going
18 to handle these expert witnesses.

19 So, I don't want to cut anybody off. I think,
20 Mr. Orent, I just immediately started asking you questions. I
21 may have cut off Attorney Cheffo as well.

22 Were you done, Attorney Cheffo?

23 MR. CHEFFO: I was, your Honor. You gave me plenty of
24 time. Thank you.

25 THE COURT: All right. Attorney Orent, keep going.

1 I'm sorry I interrupted. I think you don't need to address the
2 issue of what Atrium knew. I understand your argument, I
3 understand Attorneys Cheffo's and Armstrong's arguments as
4 well. At this point I think that I'm giving more weight to
5 your argument, Mr. Orent. I'm not seeing it as crossing that
6 line, but I need to be in the thick of it, and I need to hear
7 the evidence, and ultimately that's a sidebar; counsel comes to
8 sidebar and alerts me that, Judge, remember that issue we
9 discussed? You ruled on it provisionally, you wanted to hear
10 the context. Here we are. And I'm going to listen to Mr.
11 Cheffo and Armstrong tell me why I need to exclude it. Okay?

12 MR. ORENT: We'll be very mindful of that, your Honor,
13 as we put on our case. Thank you.

14 THE COURT: Okay. So, go ahead with Klinge.

15 MR. ORENT: Your Honor, I just want to start off by
16 talking about who Dr. Klinge is and just to give a brief
17 background. This is a guy who's written between 250 and 300
18 peer-reviewed publications on this topic. In fact, Dr. Klinge
19 has written more articles on this topic than some of the entire
20 reliance lists of all of defendants' -- of particular experts
21 that defendants use. Now, another important thing is that he's
22 written peer-reviewed literature on every single area of his
23 opinion. So, these articles in collection have been cited,
24 according to ResearchGate, more than 10,000 times in
25 peer-reviewed publications Dr. Klinge has been cited. In fact,

1 Atrium on these very opinions that they attack Dr. Klinge on,
2 pore size and inflammation and weight, all of these different
3 things we included in our Daubert opposition, we included
4 statements from the company where they actually take the
5 opposite position in day-to-day business. So, on the one hand,
6 they cite him to the FDA when they're pushing their regulatory
7 process, when they're putting on a PowerPoint presentation
8 trying to sell the benefits of this device. As the Court can
9 see, they talk about Dr. Klinge. Dr. Klinge is the pioneer.
10 He is the most known name when this comes to hernia meshes,
11 which is why we've used him in this particular case.

12 Now, I think defendants take issue with some of his
13 statements because Dr. Klinge is very particular with his
14 language and he is very precise. So, I want to go through a
15 couple of things just very quickly that I think are worth
16 addressing. Number one, with regard to his, quote, unquote,
17 disagreements, those by and large are -- and we cite in our
18 opposition the full discussion as to why he disagreed with one
19 of the internal studies, animal studies, that was done, and you
20 can see just by reading, and this is on pages 10, 11 and 12,
21 the level of precision that Dr. Klinge answers a question and
22 depth that he gives as to why he disagrees.

23 So, for example, when he disagrees with the statement
24 about tissue being well incorporated, he then asks them, What
25 do you mean by "well"? And then he goes on to talk about,

1 Well, they used this particular stain, and it's possible to
2 draw this inference from this, but authors in the field tend to
3 overstate it because of X, Y and Z. Here's the most that they
4 can tell you without doing more research. That's the level of
5 detail that Dr. Klinge gives in his report. So, when they ask
6 him, Is this device cytotoxic, Dr. Klinge actually says
7 something along the lines of, I have concerns that it is, and
8 he further explains what he means by that, and what Dr. Klinge
9 means is that there's a very precise definition of cytotoxic.
10 When you're talking about cytotoxicity, you're talking about
11 cell death on contact. That does not mean that the cells can
12 freely proliferate as they otherwise would, and in his
13 deposition he talks about the fact that there is this
14 combination of saturated fats, and he's done his own research,
15 and he's looked at the peer-reviewed literature, and there's no
16 question that there is an inhibition of cell growth and
17 proliferation, but whether that reaches the technical
18 definition of "cytotoxicity," he does not know, because there's
19 only one MEM elution test that shows it's cytotoxic.

20 But then there's this whole literature, and that's the
21 kind of balance when we talk about the weight of the evidence
22 approach -- Dr. Klinge says this is important clinically
23 because X, Y and Z, but he plays it so true that he's not going
24 to overstate something, and so he's not relying on the one MEM
25 elution test that defendants use as part of their ISO data. He

1 goes to the peer-reviewed literature, and says, You know what?
2 It's clearly not healthy, but I don't know that it fits that
3 technical definition. That's the level of precision he uses.
4 When the defendants talk about OIT, oxidative induction time
5 testing, they confuse whether someone is an expert in order to
6 undertake and conduct a test versus qualified to opine on the
7 importance of the resulting values from it. There's a very big
8 difference here between the two.

9 And one of the big things, as your Honor has now heard
10 on multiple occasions, this notion of oxidative degradation,
11 or, as I like to call it, "mesh rust," and one of the things
12 that is important, that is really important about this is this
13 notion that the defendants didn't use a medical grade
14 polypropylene. And what does that mean, and when we talk about
15 degradation, what does it mean? Well, it means this whole
16 antioxidant package that we've talked about that's used up
17 prior to implant, what kind of testing do you do? Well, the
18 difference between a medical grade is something like Ethicon's
19 proprietary PROLENE mesh in a commercially industrial grade
20 polymer like the Pro-Fax 6523 that Atrium uses.

21 And so, what Dr. Klinge does is he actually uses this
22 OIT test, and he talks about -- and if your Honor looks at all
23 the research and all these opinions, there's a series of dog
24 tests from like the '70s and '80s where they look at with
25 PROLENE suture oxidative degradation, and the point of this is

1 that oxidative degradation occurred in that medical-grade
2 polymer, and it occurs a lot quicker in the LyondellBasell 6523
3 test. He interprets that, contextualizes it in the light of
4 the work that Dunn has done and everything else. So, that's
5 the other important point.

6 But as far as his porosity testing, his porosity
7 opinions over engineering opinions, those are based on the
8 underlying polymer. Let us not forget that at its core this is
9 a device that is intended to have the coating resorb into the
10 body, and what's left is a polymer of what is PROLITE mesh.
11 Now, Dr. Klinge himself has actually published numerous
12 peer-reviewed studies talking about the weight of PROLITE mesh,
13 talking about the porosity, and he talks about the comparative
14 value of weight versus pore size and the importance in terms of
15 the biologic suitability of the mesh.

16 So, when you then go to his opinions on inflammatory
17 markers, again, the importance here is this notion of increased
18 inflammation. There are multiple causes of increased
19 inflammation. They are everything in this particular product
20 from the coating and whether it is borderline cytotoxic, but
21 it's really made up of these saturated fats, but it's also the
22 pore size and the amount of mesh, the amount of material, and
23 it's the type of material. So, this study talks about --
24 again, this is a peer-reviewed study. It talks about the
25 inflammatory system's response and why you get this jump start.

1 And actually Dr. Klinge explains the importance of it and why
2 is it that complications occur two and three and five and ten
3 years later and not just three and six months after implant.
4 All of these things are tied together. Dr. Klinge actually
5 explains in detail both in his report and his deposition how
6 all of these things work together, but they set the table so
7 that when Dr. Langstein talks about the actual amount of
8 inflammation, the infectious process, the jury is going to
9 understand at a cellular level, at a granular level and from a
10 design standpoint why it is that this was a situation that is
11 resulting from this device.

12 And so, unless your Honor has any more questions, I
13 think it's very obvious why we chose Dr. Klinge and his
14 tremendous amount of research and thousands -- Dr. Klinge and
15 Dr. Klosterhalfen together have reviewed more human explants of
16 polypropylene meshes than any other people on the planet. So,
17 I think their credentials, their peer-reviewed work and their
18 opinions are irrefutable at this point.

19 Thank you, your Honor.

20 THE COURT: Attorney Cheffo.

21 MR. CHEFFO: Yes, briefly, your Honor. Most of the
22 times that you read of, whether, again, it's looking at Zolofit
23 or the Lipitor MDLs, these are folks who published as many or
24 hundreds of times, right? So, usually what happens before
25 court, right, and your Honor knows this for Daubert, is that,

1 just because someone has a lot of initials after their name or
2 has published a lot, the idea is what they're doing in the
3 courtroom is similar to what they did under the peer-reviewed
4 literature, and we're here with these people because the answer
5 is absolutely no. I mean, if this was a peer-reviewed study,
6 it would be different than putting in a report here, and I
7 think, again, you know the idea just to -- Mr. Orent talked
8 about weight, he looked at the weight. But here's what he
9 testified: Quote, No reasonable definition of lightweight or
10 heavyweight and that, quote, differentiation in lightweight and
11 heavyweight is meaningless. So, we heard a lot about he's
12 published on it, he's looked at it, he's looked at weight, but
13 from a clinical or actual impact it's meaningless. So, why are
14 we going to let someone talk about something if it's
15 meaningless.

16 There are two last things, your Honor. I would just
17 come back to and leave your Honor with this. In my experience,
18 at least, in looking through the case law, it's somewhat
19 unprecedented to have kind of a panoply of experts particularly
20 on materials who have not looked at the data, they don't know
21 anything about the specifics of C-Qur, they haven't actually
22 tested it, they don't have any studies, clinical studies of how
23 it's used in human beings, they don't know how it has impacted
24 in the body with respect to pH, some of the other issues he
25 talks about. The best they can say is maybe it is cytotoxic,

1 maybe it will cause a problem. It's possible.

2 And, again, the idea of, putting aside even just the
3 general parameters of Daubert, this is at its core speculative
4 testimony, right? The jury, if they're allowed to hear that,
5 We can't tell you in "X" number of cases or the percentage that
6 this actually happens, we've looked at it, we've seen it, as
7 opposed to when we've done bench science testing and we've
8 looked at the polymers and everything else we think it could
9 perhaps degrade, when no one tells us that we've studied what a
10 degradation looks like or what a migration looks like or the
11 issues, to the extent there are any, with respect to the
12 coating, how it affects any human beings, none of that has
13 happened. They are smart folks. They've spent a lot of time
14 and effort. You have to ask yourself why is it that you
15 wouldn't give these folks the actual materials, the data,
16 before you're going to let them testify before a jury?

17 MR. ORENT: Your Honor, if I might just respond to
18 that very briefly, what Mr. Cheffo is doing is he's arguing
19 against First Circuit law. The Milward case explicitly says
20 you don't need epidemiology, and in this case there is no
21 epidemiology. Dr. Klinge explains this, that there is no
22 registry, there's no large-scale human studies on this product,
23 and there couldn't be, because it would be unethical to test a
24 product on humans for certain end points and cut them open. He
25 talks about that.

1 And to say that these opinions aren't based on these
2 products is just misleading. If your Honor looks at page 21 of
3 50 of our attachments, this is Atrium's own words, internal:
4 Conclusion: Atrium bare polypropylene mesh outperformed
5 similar bare polypropylene mesh in a study where one-twenty-one
6 were explanted due to relapse. That's a study that they quote
7 Klinge on, okay? He's using the base polymer that's in this
8 product. There are lots of other things.

9 Now, with regard to the statement that Mr. Cheffo just
10 read about weight, what he's talking about is the relative
11 importance between porosity and weight of mesh, and if your
12 Honor reads that entire soliloquy or back and forth, rather,
13 your Honor will see that what Dr. Klinge ultimately says is,
14 Look, the single most determinative factor in whether a hernia
15 mesh is going to work is not material and it's not weight. It
16 is pore size. He then talks about these publicly available
17 descriptions of light, medium-weight meshes. There's no true
18 definition. What you really need to do is get into the
19 nitty-gritty and see what is the definition of a lightweight,
20 what's the definition of a medium weight. Again, you have to
21 look at the devil's in the details, and these out-of-context
22 quotes are not fair representations as to what his balanced
23 testimony is.

24 Again, going back to the cytotoxicity issue, there's
25 no question in Dr. Klinge's mind that this is a bad product in

1 regard to the tissue response to it at that level because of
2 alterations in the pH. No question about it. The question is,
3 is it technically cytotoxic to that definition, to the
4 definition where it kills cells on contact? There's certainly
5 reason to believe it. There are the studies on cell inhibition
6 and cell growth inhibition, and this particular product failed
7 the MEM elution test. Dr. Klinge relies on that, but he is not
8 willing to go to that one step further and say beyond it's a
9 concern because he doesn't have the amount of data that he's
10 willing to say that.

11 That's very different when you talk about the
12 biomechanics of the mesh. Dr. Klinge actually is the first
13 human being on this planet to determine what the needs of the
14 abdominal wall are and determine, based on that, how much
15 material strength in terms of newtons is actually needed. And
16 when he says it's over-engineered, what he talks about is that
17 it only needs to be, I think it's 32 newtons, though I could be
18 mistaken at this point, he states what that strength level is,
19 and that because they use more material than is necessary it
20 creates an excess inflammatory response. That's what he means
21 by "over-engineered."

22 He also talks about this excess inflammatory response
23 can do X, Y and Z, including creating an additional scar plate,
24 which inhibits motion, which causes pain, which causes
25 contracture, which causes all the hallmark injuries that our

1 client suffered. So, when I say that he is peer reviewed on
2 each of these elements, each of these elements is not only
3 directly relevant to polypropylene mesh that is well known and
4 well accepted, but actually, again, he is very well aware of
5 the base mesh and the coatings and has done as much work as
6 anybody and relied upon multiple lines, human studies, animal
7 studies, cellular responses, he's looked at all of the
8 different types of data available and formed his opinions in
9 very much the same way that the Bradford Hill criteria would be
10 utilized, and it is totally consistent with the Milward
11 opinion.

12 And if Mr. Cheffo, his statement as to what level of
13 proof is necessary, Atrium certainly never maintained that
14 data. We're not able to get that data. It just doesn't exist,
15 and the First Circuit does not require it. Thank you, your
16 Honor.

17 THE COURT: Okay.

18 MR. CHEFFO: Your Honor, can I just have one --

19 THE COURT: I will tell you that I haven't really
20 reined in on this particular motion. I don't want to rein you
21 in, Attorney Cheffo, because I don't think you've gone over
22 your time, and I certainly asked a lot of questions and
23 interrupted folks. So, I want to give you maybe a couple of
24 minutes here. Go ahead.

25 MR. CHEFFO: Yeah, thank you, your Honor. I think on

1 this one, Mr. Orent has I think on this one really
2 mischaracterized what we're saying here. We understand the
3 First Circuit law. No one's saying it has to be epidemiology.
4 What you're hearing a lot, I think you'll either hear it at
5 trial, if you allow all these motions, but what you're hearing
6 is kind of lawyer argument about filling in all the blanks.
7 We've all read these reports. This is exactly what we're not
8 supposed to be doing, saying, well, here's what he really meant
9 and when he talked about heavyweight. You haven't heard at all
10 today a reason as to why someone didn't actually test this, why
11 they didn't actually use this particular product, right, why
12 they didn't actually run those tests. We've heard every
13 explanation and excuse possible where there's no epidemiology.
14 But there are -- there's not that many -- there are clinical
15 trial data, there are studies, and the point is, if there's no
16 data to form conclusions, then you shouldn't have those
17 opinions and conclusions.

18 And our point of what we're saying, it's not for
19 Mr. Orent, as a good litigator, to explain away what may
20 happen. It's to look at what they actually said. And the
21 reality is -- we've heard a lot now about pore size, right?
22 Again, Dr. Langstein doesn't talk about this, right? So, the
23 idea is that it has to -- all of these kind of potential,
24 hypothetical, theoretical issues in the abstract -- he keeps
25 talking about polypropylene, right? And the plaintiffs can't

1 have it come out of both sides of their mouth -- because I
2 guarantee you, your Honor, what you're going to first hear in
3 this case is that, because everybody knows polypropylene is
4 used in all kinds of products, right? It's in the body. It's
5 been studied for 60 years, right? The FDA has approved it,
6 allowed it over and over again. So, what they're going to then
7 do is say, Oh, but this product is different, right, it has
8 this mesh coating? So, on the one hand, they want you to say
9 we don't even have to look at the product, because it's just
10 like polypropylene, but then their whole case or at least some
11 of their case will be talking about, based on what their
12 experts have said, on the specifics of C-Qur. And it's, again,
13 incredibly I think unprecedented that you would have these
14 folks come in and not ever having tested. Forget about doing
15 clinical trials or epi-data or other stuff. We're talking
16 about even just basic testing and looking at the actual testing
17 and showing it, and what they've looked at they have not formed
18 any definitive conclusions. Mr. Orent has in his closing
19 argument that we're hearing, but that's not what the experts
20 have done, your Honor.

21 THE COURT: All right. What are maybe two or three
22 differences between Atrium's polypropylene and other
23 polypropylene? Give me maybe three differences.

24 MR. CHEFFO: Me, your Honor?

25 THE COURT: Yes.

1 MR. CHEFFO: Let me say this: It's the plaintiffs'
2 argument that -- so objectively there's mesh, right, that is
3 polypropylene? People call it "bare mesh," right? And then
4 there is coated mesh, and it has a coating, and one thing that
5 is different is that -- the plaintiffs like to call it "fish
6 oil" -- it's Omega-3 fatty acid. Whatever you do there is a
7 coating on, there because one of the issues, right, is that,
8 when you place the mesh between usually your abdominal wall and
9 an intestine, you want it to integrate into your abdominal
10 wall, right, so it forms a barrier, but you don't want it to
11 adhere to other organs, right? So, that's a coating between
12 the mesh. That's kind of generally what happens. A hernia is
13 when your intestine comes through your abdominal wall. So,
14 that's one issue. But, again, the plaintiffs, on the one hand,
15 are saying that there's different antioxidant packages, and
16 they don't have the difference. So, it's not a monolithic.
17 It's not exactly the same process or how it's manufactured as
18 to everything.

19 THE COURT: Okay. I think with respect to Klinge, I
20 have carefully considered everything you filed, and let me just
21 start with the last argument, what Atrium knew. We spent a lot
22 of time on this. I think you know where I stand on that. I'm
23 going to make my ruling the same as I did with respect to
24 Langstein. The argument is the same. But, depending upon how
25 the evidence comes in, I'm willing to revisit that, as it could

1 certainly cross a line into impermissible state of mind
2 testimony. I just need to hear it in context, and I just can't
3 get that context from the papers at this stage.

4 So, with respect to what Atrium knew, I think you know
5 my ruling is I'm denying it, but I'm open to revisiting it,
6 depending upon what happens.

7 With respect to the other arguments concerning Klinge,
8 I'm just going to sound like a total broken record here, but
9 I'm, once again, very -- I'm persuaded that ultimately these
10 arguments go to weight, not admissibility, and I can just hear
11 the line of cross with Mr. Cheffo cross-examining Klinge:
12 You've never dealt with C-Qur mesh? That's correct, sir.
13 You've never seen data on C-Qur mesh? You've never tested the
14 C-Qur mesh that was used in Ms. Barron's surgery? You have no
15 evidence that the C-Qur mesh degraded? I can just hear the
16 line of cross, and it would go and go, and it would be
17 potentially effective. But, again, Attorney Orent is correct
18 that ultimately the First Circuit does not require that there
19 have been testing on the actual C-Qur mesh at issue here in the
20 case.

21 So, let me go through my denial with respect to
22 Dr. Klinge and explain why I'm denying defendants' motion to
23 exclude his testimony. First, to the extent defendants seek to
24 prevent Klinge from opining as to the design defects in
25 Atrium's product because he purportedly ignores contrary and

1 relevant information without adequate explanation, the motion
2 is denied for the following reasons:

3 Defendants correctly note that in deposition Klinge
4 expressed disagreement with some of the conclusions expressed
5 by authors of a study he relied upon in partial support of his
6 own opinion. The study in question was a histomorphologic
7 study of C-Qur devices implanted in rats and was conducted by
8 Atrium. However, Klinge relied on the study only for certain
9 of his findings, namely, that after Atrium's C-Qur mesh was
10 implanted in rats all subjects displayed fibrotic reactions in
11 the first three weeks after implantation, and subjects
12 displayed high rates of encapsulation and vascularization, as
13 well as adhesions, granulomas and evidence of pore ingrowth.
14 Klinge's reliance on that data is not inconsistent with his
15 disagreement with some of the authors' conclusions, including
16 the conclusions that after 24 months subjects showed favorable
17 tissue responses and the meshes were well implanted, or that by
18 seven months subjects displayed biologically stable tissue
19 responses. Klinge's reliance on that data, in particular, on
20 data collected in the first few weeks after implantation is not
21 in conflict with the authors' conclusions. Indeed, Klinge does
22 not address the authors' overall conclusions regarding the
23 effectiveness of the mesh in his opinion.

24 Moreover, in deposition Klinge provided a detailed
25 explanation for his disagreement with the authors' overall

1 conclusions. For example, Klinge disagreed with the metric the
2 authors used to determine whether the mesh was well implanted,
3 opining that, although the meshes were implanted, there was an
4 undesirably small space between the individual fibers of the
5 mesh.

6 To the extent defendants seek to prevent Klinge from
7 opining as to the inflammatory and fibrotic activity of the
8 foreign-body reaction and the biomechanical impact of Atrium's
9 product on human tissue, the motion is denied for the following
10 reasons:

11 Defendants correctly note that, in support of his
12 opinion on these matters, Klinge did not rely on human clinical
13 studies and did not rely on studies specifically comparing
14 Atrium's product with other surgical meshes. However, First
15 Circuit jurisprudence establishes that an expert's failure to
16 rely on human clinical studies or, indeed, on any particular
17 form of scientific evidence or data does not render the
18 expert's opinion so unreliable as to be inadmissible.

19 Again, that comes right out of Milward Number One, 639
20 F.3d 11. Milward also establishes that, even if the factual
21 underpinning of an expert's opinion is weak or perceived as
22 weak, that weakness is a matter affecting the weight and
23 credibility of the testimony rather than its admissibility.
24 Moreover, again, defendants' arguments do not address the
25 traditional indicia of methodological unreliability, that is,

1 absence of peer review, absence of acceptance in the scientific
2 community, unacceptable error rate, failure to explain
3 methodology and so forth, as I've already held earlier today.
4 Defendants do not challenge the methodological reliability of
5 the animal studies on which Klinge relies but, rather,
6 challenge only the absence of data from human subjects and the
7 absence of data from Atrium's specific product. These
8 challenges go to weight rather than admissibility.

9 To the extent defendants seek to prevent Klinge from
10 opining that polypropylene can degrade in the human body
11 following implantation, the motion is denied for the following
12 reasons:

13 Defendants correctly note that in support of his
14 opinion on these matters Klinge did not rely on studies or
15 experience specifically involving Atrium's product. In
16 addition, Klinge does not opine that the product will
17 necessarily degrade following implantation. Further, Klinge
18 concedes that not all clinical implications of polypropylene
19 degradation following implantation are known. As to Klinge's
20 reliance on studies that involved products other than Atrium's,
21 once again, that argument goes to weight rather than to
22 admissibility.

23 As to the uncertainty Klinge expressed regarding
24 whether degradation will always occur following implantation
25 and as to the clinical effects such degradation would cause, it

1 is well established that lack of certainty is not for a
2 qualified expert the same thing as guesswork or speculation.
3 Klinge offers extensive expert opinion as to the mechanisms by
4 which the properties of degraded polypropylene could be
5 expected to lead to adverse clinical outcomes. The fact that
6 Klinge declined to opine that those mechanisms would always be
7 at issue or would always lead to adverse outcomes does not
8 render his opinion unreliable, speculative or unhelpful.
9 Defendants do not challenge the reliability of Klinge's methods
10 but, rather, challenge only the strength of the data he relies
11 on and the probabilistic nature of his opinion. Again, these
12 challenges go to weight rather than admissibility.

13 To the extent defendants seek to prevent Klinge from
14 offering opinion as to the applications of oxidation induction
15 time testing of polypropylene degradation rates, the motion is
16 denied for the following reasons. I'm going to try to explain
17 here my understanding from the reading and the materials, what
18 oxidative induction time testing does. It determines the
19 thermal stabilization of a polymer by measuring the time
20 between melting and decomposition of the polymer typically at a
21 heat between 190 and 220 degrees Celsius. Klinge relies, in
22 part, on an oxidative induction time testing performed by
23 Atrium to compare one of its polypropylene surgical mesh
24 products with a similar product produced by one of its
25 competitors. Based on the reported results of that testing,

1 Klinge opines that the results have alarming implications for
2 Atrium, in particular, given that Atrium's manufacturing
3 process involves curing its C-Qur mesh at temperatures above
4 200 degrees Celsius.

5 Defendants correctly note that Klinge is not an expert
6 in oxidative induction time testing. However, again, it's well
7 established that an expert need not be a specialist to offer
8 admissible testimony so long as the expert has achieved a
9 meaningful threshold of expertise in a given area. Moreover,
10 an expert need not have expertise in every experimental method
11 employed in the studies upon which the expert relies in order
12 to offer reliable opinion as to the implications of the results
13 generated by the experiments. Klinge is a qualified expert on
14 the use of surgical meshes and hernia repair, having performed
15 over 300 hernia repairs using textile meshes and having
16 extensively studied oxidative degradation in polypropylene
17 meshes. Klinge is qualified to opine as to the implications of
18 the results of Atrium's oxidative induction time testing.

19 To the extent defendants seek to prevent Klinge from
20 offering opinion as to design defects in the fish oil coating
21 of Atrium's product, the motion is denied for the following
22 reasons:

23 Defendants argue that Klinge's opinion regarding the
24 fish oil coating of the C-Qur mesh are unreliable and
25 speculative, because Klinge is purportedly unwilling to offer

1 firm opinion that the coating is cytotoxic and because Klinge
2 relies, in part, on *in vitro* studies. As to Klinge's purported
3 unwillingness to offer firm opinion that the fish oil is
4 cytotoxic, the Court notes preliminarily that Klinge does, in
5 fact, offer opinion as to the cytotoxicity of the coating.
6 Specifically, Klinge opines, with supporting citations, that
7 the cytotoxicity of the fatty acids remaining after the curing
8 process was acknowledged by Atrium and WuXi App Tec, the
9 testing company engaged by Atrium. "The testing demonstrating
10 cytotoxicity of its coated mesh was secondary to the fatty
11 acids remaining after curing of the fish oil, which caused
12 disruption of the cell membrane." I'm lifting that language
13 about cytotoxicity from document number 99-1 at page 22. This
14 supports his conclusion that "the cytotoxicity of the coating
15 leads to cell death, chronic inflammation and increased risk of
16 infection," same document at page 3.

17 Moreover, even if Klinge opined only to potential as
18 opposed to certain cytotoxicity, as noted, lack of certainty is
19 not for a qualified expert the same thing as guesswork or
20 speculation. The purported lack of certainty in Klinge's
21 cytotoxicity opinion is not grounds for exclusion.

22 As to Klinge's partial reliance on *in vitro* studies,
23 laboratory studies of reactions taking place outside the body,
24 *in vitro*, as noted, an expert's failure to rely on human
25 clinical studies or, indeed, on any particular form of

1 scientific evidence or data does not render the expert's
2 opinion so unreliable as to be inadmissible.

3 Again, I would cite the two Milward -- the older
4 Milward opinion for those propositions.

5 To the extent defendants seek to prevent Klinge from
6 offering opinion as to whether the fish oil coating of Atrium's
7 product causes harmful changes to pH levels, acidity in the
8 body following implantation, the motion is denied for the
9 following reasons:

10 Defendants argue that Klinge's opinions regarding pH
11 changes caused by the fish oil coating of the C-Qur mesh are
12 unreliable and speculative, because Klinge purportedly lacks
13 data showing that increased acidity is associated with adverse
14 clinical outcomes. As a preliminary matter, the Court notes
15 that Klinge cites extensive data that in his opinion establish
16 adverse clinical affects caused by increases in acidity,
17 document 99-1 at page 22. Moreover, to the extent defendants
18 challenge the soundness of the data upon which Klinge relies,
19 as noted, it is well settled that the soundness of the factual
20 underpinnings of the expert's analysis and the correctness of
21 the expert's conclusions based on that analysis are factual
22 matters to be determined by the trier of fact. When the
23 factual underpinning of an expert's opinion is weak, it is a
24 matter affecting the weight and credibility of the testimony.
25 Again, that comes right out of Milward, 639 F.3d, at page 22.

1 Defendants' argument, to the extent accurately premised,
2 therefore, goes to the weight rather than to the admissibility.

3 To the extent defendants seek to prevent Klinge from
4 offering opinion based on anecdotal evidence, the motion is
5 denied for the following reasons:

6 Defendants note correctly that Klinge cites anecdotal
7 reports in partial support of portions of his opinion.
8 Specifically, Klinge opines that Atrium also received
9 complaints from physicians implanting C-Qur devices who were
10 experiencing high rates of infection and inflammatory responses
11 in patients, and that, "In 2011, a Dr. Mazen alerted Atrium to
12 the fact that he was seeing about 90 to 95 percent infection
13 rates after the implant of a C-Qur device." That comes from
14 document 99-1 at 11.

15 The Court agrees with defendants that Klinge's
16 causation opinion would be methodologically unreliable if
17 Klinge based his opinion solely on such anecdotal evidence.
18 However, Klinge recites the anecdotal evidence together with
19 extensive experimental and other sources of evidence. Klinge's
20 limited partial reliance on anecdotal reports does not render
21 his causation opinion so unreliable as to warrant exclusion,
22 again relying on Milward.

23 To the extent defendants seek to prevent Klinge from
24 offering opinion regarding inflammatory markers, the motion is
25 denied for the following reasons:

1 Defendants note correctly that Klinge discusses the
2 results of studies associating implanted polypropylene meshes
3 with increased inflammatory markers relative to implanted
4 textile meshes. Defendants further correctly note that these
5 studies did not involve Atrium's product but, rather, other
6 polypropylene surgical meshes. Defendants argue that, because
7 these studies did not test Atrium's products specifically, they
8 are irrelevant to any issue the jury will be called upon to
9 decide. The Court disagrees. To the extent that Klinge's
10 opinion regarding inflammatory markers is based on studies that
11 did not involve Atrium's product, defendants' arguments go to
12 weight rather than credibility. As noted, it is well settled
13 that -- and I'm saying this now for I think the tenth time --
14 the soundness of the factual underpinnings of the expert's
15 analysis and the correctness of the expert's conclusions based
16 on that analysis are factual matters to be determined by the
17 trier of fact. When the factual underpinnings of an expert's
18 opinion is weak, it is a matter affecting the weight and
19 credibility of the testimony, again quoting from Milward.

20 And, finally, with respect to mesh weight, to the
21 extent defendants seek to prevent Klinge from offering opinion
22 regarding the effect of mesh weight on clinical outcomes, the
23 motion is denied for the following reasons:

24 Defendants note correctly that Klinge concedes that
25 there is no consensus definition of lightweight versus

1 heavyweight in the context of surgical meshes. Based on this
2 absence of consensus, defendants assert that Klinge's opinion
3 regarding the effects of mesh weight on clinical outcomes is
4 necessarily speculative and unreliable. The Court disagrees.
5 In fact, Klinge notes that in the absence of a consensus
6 definition of lightweight versus heavyweight in the context of
7 surgical meshes, it is impossible to rely on a mesh
8 manufacturer's characterization of a mesh as light or heavy
9 when comparing meshes. For this reason, Klinge explains it is
10 necessary for him and other researchers to look past
11 manufacturers' characterizations of their mesh products to the
12 products' actual characteristics to determine their relative
13 heaviness. Klinge then discusses studies finding that lighter
14 meshes with larger pore sizes tended to be more biocompatible
15 than heavier meshes or meshes with smaller pores. Defendants'
16 straw argument regarding the absence of a consensus definition
17 of lightweight versus heavyweight in the context of surgical
18 meshes does not go to methodological reliability, therefore,
19 that portion of the motion is denied, and the Court denies the
20 motion *in toto*.

21 With respect to what Atrium knew, I think you know
22 that can be revisited.

23 All right. We have one motion left, and I can see
24 that Mr. LaFata is ready to go. We saved the best for last,
25 Mr. LaFata. So, I'm not sure how you can beat Cheffo,

1 Armstrong and Orent, but I'll give you an opportunity. Eager
2 to hear from you, so go ahead on our final motion to exclude
3 Dunn, Russell Dunn.

4 MR. LAFATA: Yes, your Honor. Thank you. Can you
5 hear and see me clearly? This is the first time I'm speaking.
6 I want to make sure. Okay, great.

7 Well, as you've recited, Russell Dunn is the next
8 motion up, and we filed a Daubert motion on him. He's a
9 chemical engineer. I know you've read the papers, and his
10 opinion is that C-Qur is defective because the polypropylene in
11 it can oxidize, and he determined that in a laboratory setting.
12 This may be unlike some of the other Daubert motions that the
13 Court has been ruling on today. It is not against a blank
14 backdrop, and we have recited this in our papers. Dr. Dunn has
15 been excluded repeatedly under Daubert for rendering many of
16 the same opinions that are presented before the Court right now
17 in this motion.

18 The first point in our brief, though, you instructed
19 us to go by the order of the brief, is that Dr. Dunn does not
20 have the necessary expertise under Rule 702 to opine that C-Qur
21 is defective. The defectiveness of C-Qur, which is a medical
22 device, has to involve assessing how it performs as a medical
23 device, that is, how it is implanted. It's not about whether
24 it performs this way or that way in a laboratory, and that's
25 really what Dr. Dunn is doing.

1 Dr. Dunn admits he does not have expertise in by
2 biocompatibility, which is how medical devices would perform
3 inside the body, or biomaterials or medical devices. Simply,
4 he is not a medical device expert. So, he's a chemical
5 engineer. He can do experiments in a laboratory, but he
6 doesn't design medical devices, he doesn't for companies who
7 develop medical devices. This is not his area of expertise.
8 He's been pulled out of his areas of expertise and put into
9 court to render an opinion that a medical device is defective,
10 in this case C-Qur.

11 This is partly why Dr. Dunn has been excluded
12 repeatedly under Daubert in mesh cases. These are the Boston
13 Scientific cases that we cited for the Court. This is the
14 Mathison case, 215 WL 2124991, is the one that I'm referring to
15 here. On page 22 -- 21, rather, the Court had acknowledged
16 that all of Dr. Dunn's opinions are premised on his belief that
17 the polypropylene mesh in BSC's devices will undergo oxidative
18 degradation in the body. So, that's exactly the same opinion
19 he's rendering here, that his belief is premised, his opinion
20 is premised on this view that polypropylene mesh will undergo
21 oxidative degradation, back to Mathison. Yet Dr. Dunn admits
22 that he is not an expert in biomaterials or biocompatibility,
23 same thing we have here, and in that case that he's not
24 qualified to opine on the way that polypropylene may affect the
25 body physiologically. That's exactly the same as we have here.

1 And Dr. Dunn, to his credit, acknowledges this often
2 in deposition. He cannot say what effect the polypropylene
3 will have on the body physiologically. He's not a doctor. He
4 doesn't implant hernia mesh. He's a chemist. He's a chemical
5 engineer. The problem, though, is to proffer him as an expert
6 to say that a medical device is defective is inherently drawing
7 in the performance of that device in the body.

8 Now, the Court has referred to the Milward versus
9 Acuity case in the First Circuit often today. I think it's
10 important to note that that case would not apply to this
11 motion. In that case, on page 15, the Court said that it was
12 uncontested that the expert in that case had the expertise
13 necessary to render the opinion that he rendered in that case.
14 So the District Judge did not have to pass on that, and the
15 First Circuit didn't rule on that. In that case, this is also
16 from page 15, that expert was, quote, acknowledged as a leading
17 expert on the study of the toxic effects of chemicals and drugs
18 on the human body. So, in this case we do not have an expert
19 who has expertise on the effects of a polypropylene medical
20 device on the human body.

21 THE COURT: Can I stop you? I just want to make sure
22 I understand Dunn is an expert in this case primarily for *in*
23 *vitro*. No? I'm understanding Dunn to sort of 99 percent of
24 his report and his testimony would be *in vitro*, he says
25 something rather almost in passing about *in vivo*, and that

1 that's the issue you're having a problem with. In other words,
2 99 percent of his testimony you don't have a problem with,
3 because he's qualified. It's just when he opines about *in vivo*
4 effects?

5 MR. LAFATA: Well, with respect, your Honor, I think
6 it's more than that. Page 49 of his report, the entire heading
7 is Atrium's C-Qur Devices are Defective Devices (sic). You
8 cannot render an opinion on whether a medical device is
9 defective from a test tube. The performance of a medical
10 device depends on what it does in the human body. So, it's an
11 attempt, I think, to salvage Dr. Dunn by saying that he is only
12 talking about laboratory test tube testing, but that's
13 inconsistent with presenting his opinion that the product is
14 defective, and that's why this Court over and over again, the
15 Boston Scientific Court, has held that Daubert does not permit
16 Dr. Dunn to bring that kind of an opinion in Federal Court.
17 Those are the authorities I think that are persuasive here and
18 not Milward, because Milward is a situation where this was not
19 a subject of dispute.

20 Another point I think --

21 THE COURT: Can I ask you a quick question?

22 MR. LAFATA: Please. Yes.

23 THE COURT: So, Dunn was not allowed to testify in
24 Boston Scientific because he was not an *in vivo* expert, but he
25 was permitted to testify in many other cases. I think he was

1 permitted in Ethicon, he was permitted in Bolt, he was
2 permitted in both Ethicon cases, the South Dakota and the West
3 Virginia, I think. So, maybe you could help me understand why
4 he was permitted in all those other cases but Boston Scientific
5 excluded him. Did he go too far in terms of his *in vivo*
6 statements, opinions in those -- go ahead.

7 MR. LAFATA: That question is briefly addressed in our
8 papers. In Ethicon -- and, actually, I think the Court in
9 Mathison addressed this, too. In Ethicon Dr. Dunn's expertise
10 were not challenged, so that is one of the important
11 differences between Mathison and Ethicon, according to that
12 Court, and that's another way in which Milward is being
13 distinguished here. There's a direct challenge to the
14 applicability of his expertise in this case. How? He's a
15 chemical engineer who has plenty of expertise in the laboratory
16 but is being proffered to say on page 49 in his report that
17 this is a defective device, a medical device is defective. He
18 does not have the expertise, and he admits this, to say what
19 the performance of a medical device would be in the human body;
20 ergo he cannot say that a medical device is defective.

21 THE COURT: Isn't he making that statement based
22 largely on the chemical at issue, the polypropylene?

23 MR. LAFATA: I agree with that. He is making that
24 statement based largely on the chemical, and that's part of the
25 problem, because a chemist can have a viewpoint about a

1 chemical in a laboratory, but that's different than how a
2 chemical performs in the human body. That's why we have
3 experts who analyze the performance of a medical device in the
4 human body. And Dr. Dunn, again to his credit, is not claiming
5 that that's him, but the attorneys who are proffering him are
6 putting him in the position of saying that this is a defective
7 device. That is intertwined with the performance of this
8 compound in the human body. You can't say that's a defective
9 device if you don't know how a medical device will actually
10 perform. And when we kind of confronted him with the studies
11 about the actual performance of C-Qur in the human body, plenty
12 of studies and lots of patients who have had success with it,
13 it's simply being pushed aside as, Not my area of expertise.
14 But, again, that's the problem, your Honor, and that's why
15 under Rule 702 this is not an expert who can come in. That's
16 why under Boston Scientific the Court held that Daubert and
17 Rule 702 don't permit this type of opinion.

18 THE COURT: Let me ask you, though, could I limit him
19 to talking about the inherent properties of polypropylene as a
20 polymer? I mean, he's clearly qualified to talk about that.

21 MR. LAFATA: And that kind of goes to the second point
22 in our brief, your Honor, which is that laboratory opinions
23 about generic properties of polypropylene do not have the
24 Daubert requirement of fit, and what that means is there has to
25 be a sufficient connection to the facts of this case. This

1 case is about a medical device, not just an abstract analysis
2 of a chemical.

3 So, we explained some of this in the references to his
4 deposition. Dr. Dunn doesn't know whether any laboratory
5 degradation would happened inside the body, and even if it did
6 happen he doesn't know whether that would compromise the safety
7 of the product. So, on page 136 of the deposition he was
8 asked, Does the fact that a polypropylene medical device can
9 potentially degrade make it defective? His answer is, Not in
10 of itself.

11 So, the problem is a theoretical opinion of a chemist
12 may be interesting in a faculty room or in a journal, but in a
13 courtroom Daubert requires a connection between a theoretical
14 opinion and the question the jury has to answer.

15 So it continues. On page 133, Dr. Dunn admitted the
16 polypropylene mesh actually might be safe for use in the human
17 body. He says that degradation, quote, doesn't mean that it
18 wouldn't be safe. So, under Daubert it would be extremely I
19 think misleading and confusing to the jury to have a chemical
20 engineer come in and say there's a defect in polypropylene,
21 and, therefore, there's a defect in C-Qur, and I don't know how
22 it works in the human body, because they're intertwined. You
23 can't analytically separate the performance of a compound when
24 it's supposed to perform in a human body.

25 THE COURT: Let me just ask you, because I'm

1 definitely hearing what you're saying, what about the fact that
2 he has written in peer-reviewed journals? I think he has also
3 written chapters in books, and he has opined on oxidation and
4 degradation of polypropylene in the transvaginal mesh cases.

5 MR. LAFATA: Yes, your Honor.

6 THE COURT: Why wouldn't that be enough in terms of
7 qualifications for him to say what ends up being a small
8 portion of his report, that, in essence, This chemical of which
9 I am an expert, about which I'm an expert, this chemical inside
10 the human body would be a hazard or would cause me concern?

11 MR. LAFATA: So, a couple of responses to that.
12 Number one, I don't think it would be accurate, respectfully,
13 to say this is a small part of his report, because this is an
14 expert being proffered to say the product at issue in the case
15 is defective. So, in my view, I would submit that is the core
16 of his opinion in the case, and that that was what was excluded
17 in Boston Scientific.

18 But to your question about the literature, and we
19 discussed this briefly, I believe, in our brief on page 9, I
20 think it is, that this is an expert who has not published on
21 medical devices except when he was retained as an expert in
22 medical device litigation in which he and Dr. Guelcher
23 published together in an article, and I think the Court is
24 probably familiar with case law that litigation-driven opinions
25 deserve skepticism. It is often the case that experts may have

1 some incentive to kind of shore up their credentials,
2 especially if they have been excluded repeatedly under Daubert,
3 but that is not the same thing as the scientific behavior in
4 the scientific field.

5 And the Court should I think be wary about making sure
6 you're getting genuine science in the courtroom as opposed to a
7 genuine scientist who's coming in to speculate, and that's what
8 I think is the danger the Court is facing with allowing someone
9 like Dr. Dunn to come in, and I believe, again, that's why he's
10 been repeatedly excluded.

11 Dr. Dunn admitted on page 182 along the same lines,
12 that whether there's a mechanical failure in polypropylene and
13 whether that has any physiological effect on the patient is
14 beyond his expertise. So, it would be a bit -- it's kind of an
15 appendage opinion, your Honor, to the panoply of experts that
16 the plaintiffs will be allowed to present in the trial based on
17 your rulings today. This is not an expert who is really adding
18 to the -- it's an appendage, and I think it would be highly
19 confusing under 403 to bring something like this in.

20 But the third point that we said in the brief -- I'm
21 just mindful of the time; I know you gave some guidance on that
22 -- if Dr. Dunn says that he has concerns and questions about
23 polypropylene as a medical device, Dr. Dunn is certainly
24 entitled to his concerns and his questions, but Daubert says on
25 page 90 that to come to court and testify and give an expert

1 opinion you need, quote, more than subjective belief and
2 unsupported speculation. Your concerns may be valid in another
3 forum, but the courtroom's not the place for that. The
4 plaintiffs have the burden here, your Honor. They have to come
5 forward and say that elements of Rule 702 are met for Dr. Dunn.

6 And continuing with this, for example, he says on page
7 93 of his deposition, Studies on this material outside the body
8 and my testing and my work raise a concern over what may be
9 happening *in vivo*. So, what this is, is someone who's done
10 laboratory testing and has worries about what will happen
11 outside the lab. That's not an admissible expert opinion.

12 The last part of the brief that we talked about has to
13 do with some chemical tests. These tests were excluded in the
14 Boston Scientific opinions that we cite for the Court. In this
15 case Dr. Dunn bought some polypropylene mesh on the market
16 commercially, he put it in some bleach in the laboratory, and
17 he found that it oxidized. This was commercially available
18 polypropylene, according to his report at page 30. He says
19 it's similar to what's used in hernia and transvaginal mesh,
20 but it is not the same.

21 I'm just mindful of the time. I'll briefly wrap up,
22 your Honor.

23 On page 30 he's pretty clear that he's not testing
24 C-Qur, so Dr. Dunn did not take C-Qur and put it in bleach and
25 see if it oxidized. He was testing generic polypropylene.

1 This was excluded in the Boston Scientific court on page 22 as
2 lacking sufficient indicia of reliability. There is no written
3 protocol he filed, as the Court explained. There was not a
4 sufficient sample size, as the Court explained. In this case
5 he's testing a sample. Plaintiffs' lawyer sent him a sample of
6 two different kinds of C-Qur mesh, and he did not test those in
7 a chemical sense to see if there is oxidation. He put them in
8 the machine to see if there is oxidative behavior, once it's
9 been opened and once it's been kind of whatever's going on in
10 the laboratory. We really don't know. So, that's the test
11 that is there. But the rest of it was excluded here, your
12 Honor.

13 And I'm just mindful I'm over the time, so I'll just
14 wrap it up there. Thank you very much.

15 THE COURT: No, I appreciate that. You're just one
16 minute over, and I interrupted you multiple times, so I'm fine
17 with that.

18 Okay. So, Attorney Orent, help me out with this one
19 in terms of Russell Dunn and whether or not he can testify to
20 the *in vivo* statements that he makes. They're not challenging
21 his expertise with respect to *in vitro* science, but they are
22 saying to me that he does not have the qualifications. This is
23 somewhat different than he's relying on "X" and he shouldn't be
24 relying on "X," or he's not using this. They're saying he's
25 not qualified to opine on the *in vivo* effects of polypropylene

1 and the C-Qur product.

2 MR. ORENT: So, let me just back up and say Dr. Dunn
3 does clarify, and there have been all of these statements made
4 about him where he says, quote, unquote, I'm not a biomaterials
5 expert. He clarifies that he is a materials expert,
6 biomaterials expert, with regard to polymers. That's one
7 thing.

8 However, I think that the real issue is this: Can
9 Dr. Dunn say that this device is defective based on the
10 performance of the polymer? I think the answer is yes, and
11 here's why: Dr. Dunn understands that there is a set of
12 performance specifications. There are requirements that this
13 product must fulfill. It must last a lifetime. If the product
14 is not able to withstand, the polymer is not able to withstand
15 the chemicals that it will encounter over the lifetime, then it
16 cannot meet its requirement, and I think that he is capable of
17 saying that.

18 Beyond that, though, I don't think he intends to
19 really say much more about it being, quote, unquote, defective.
20 He really is talking about the manufacture process, the
21 oxidation of it, and the polymer leading up to the point where
22 it's placed in the body, where Dr. Guelcher will continue from
23 there.

24 THE COURT: Are you willing to concede that he'll stop
25 then, when he gets to the internal, when he gets to the *in vivo*

1 degradation, if you will, and won't opine as to a hazard or
2 concern with respect to that? You're saying that he is an
3 expert in biomaterials with respect to polymers, and with
4 respect to that he can testify, but he won't go beyond that?

5 MR. ORENT: That's absolutely correct, your Honor.

6 THE COURT: Okay. Can I stop you just for a minute?
7 And I know I'm cutting into your time, but just to try to
8 shortcut this.

9 Mr. LaFata, if, in fact, he is limited just to the
10 biomedical polymer expertise that he has and is not opining
11 that *in vivo* degradation occurs and it is a hazard or concern,
12 do you maintain your objection?

13 MR. LAFATA: Well, so, I'm not sure, because the way
14 you frame it sounded a little differently from what I heard
15 from -- so, if what I'm hearing correctly is that there is no
16 hazard, as in this is not a defective device, then that I think
17 would change --

18 THE COURT: He can testify as to polymers, and he does
19 have an expertise with respect to polymers, and I think that's
20 correct, based on my memory of reading all of Dr. Dunn's
21 materials, but I will tell you that this expert gives me the
22 most pause in terms of his ability to go that one step further
23 and talk about a hazard, a concern. And he doesn't opine on
24 the nature of the hazard, he doesn't give details. He's simply
25 essentially making a glancing or a passing reference, and that

1 concerned me. So, I will tell you that I was inclined to grant
2 this to the extent that I would exclude him from making those
3 statements.

4 But let me have Attorney Orent jump back in, because
5 I, obviously, cut him off. What I want to do is see if I can
6 essentially reach some sort of stipulation on Mr. Dunn that
7 would keep him within his wheelhouse, and then, essentially, we
8 would have a much easier ruling on document number 100. I'm
9 just trying to make my job a little easier. That's all.

10 MR. ORENT: Of course, your Honor, and we are willing
11 to do that. You know, I think the word "concern" is perhaps
12 what's caused the issue, or perhaps it's the use of the phrase
13 "defective" in reference to the total product. I think it
14 would be appropriate for me to ask him questions in the generic
15 of, Would it be safe to use polypropylene in an application
16 where it was intended to be exposed to oxidation for a lifetime
17 and sort of the polymer aspect? That is, to put it another
18 way, on page 4 we summarize his opinions, and those opinions I
19 don't think run afoul of what we're all talking about. And
20 maybe that's the cleanest way for me to say that, is that, as
21 far as this aspect of his opinions, we're going to stay outside
22 the body.

23 THE COURT: Okay. Let me say with this one I think
24 I'm going to withhold any ruling on this, because I think that
25 the two of you can come up with a way to limit Dr. Dunn's

1 testimony that will be acceptable to Mr. LaFata and acceptable
2 to the Court. I'm sympathetic to his arguments, so I will go
3 so far as to say that, but I have a sense, Mr. Orent, that
4 you're willing to cut him off at a reasonable point, because I
5 think I'm willing to agree with you that he's an expert in that
6 limited respect in terms of the biomedical polymers, but beyond
7 that I think Mr. LaFata makes some very good points.

8 So, I think, rather than rule on this, what I'd like
9 to do is to send it back to you and have you reach an agreement
10 to limit Dunn's testimony consistent with what we just talked
11 about. If you're not able to do that and you still need me to
12 rule on this, then put it in front of me, and I'll try to give
13 you an opportunity to be heard briefly, and I'll try to give
14 you a ruling on Dunn finally so that you know what ultimately I
15 would do with him.

16 But I think I'm inclined favorably toward Mr. LaFata's
17 arguments, except I do agree that, Mr. Orent, you're correct, I
18 think that in that limited respect he's a biomedical expert,
19 but that very limited respect, and if he's not going to testify
20 about the hazard and the concerns of the *in vivo* implantation,
21 then it seems to me that's going to remove I think a great deal
22 of Mr. LaFata's objections. But I'm going send that one, punt
23 that one back to you and see if you can't limit the scope of
24 Dr. Dunn's testimony accordingly and then make my job just a
25 little bit easier on him.

1 So, thank you, Mr. LaFata.

2 And thank you, Attorney Orent.

3 Thank you, Attorney Armstrong and Attorney Cheffo.

4 Thank everybody who worked behind the scenes. As you have
5 associates, I have law clerks, and they do good work, and you
6 all do good work, and I benefit from it. And what I want to do
7 is to give you rulings quickly so that you know what I'm going
8 to do before trial starts, and so my effort is to try to give
9 you these hearings. I'm going to hear from you. I will have
10 read everything, but I'm going to hear you out and then try to
11 give you a ruling that day so that you can leave with an
12 understanding of what I'm going to do with your key experts.

13 So, those are the key medical experts of plaintiffs'
14 case. Next time, and I don't think it's been scheduled yet,
15 but we'll find a good schedule for the defendants' medical
16 experts, so we'll be dealing with plaintiffs' motions. We'll
17 do the same thing we did today with respect to timing. You did
18 a great job, and I appreciate that.

19 So, unless anybody has anything else we need to talk
20 about with respect to documents number 92, 96, 98 or 100, let
21 me know. And it looks like Donna might have something to say.

22 Go ahead, Donna.

23 THE CLERK: I just was going to say, Judge, it is
24 scheduled for a week from today, the 19th, at 1:00.

25 THE COURT: Okay. Well, that will give me one week.

1 So, I will get everything read and carefully prepared, and I'll
2 look forward to hearing from counsel in one week. Is there
3 anything else before we get off?

4 MR. ORENT: Two things, your Honor. First of all,
5 plaintiffs are very mindful of your opinions today and your
6 bases for those opinions, and we would request the ability
7 before your Honor undertakes another round of Daubert review, I
8 would like to make the offer that we go back and, certainly
9 without prejudice to our clients, take another look, and if
10 there are issues we think can come off the table in light of
11 the context in which your Honor rules, perhaps that would be of
12 benefit to everybody. So, I make that offer in the first
13 instance, if that is attractive to your Honor.

14 THE COURT: That is very attractive to this judge, so
15 I'd be willing to have Donna even reschedule the hearing, give
16 yourselves another week, if that's going to help you. I'm not
17 worried right now about the pandemic, because we're all on
18 video, and you're all safely ensconced in your apartments or
19 your homes. So, we can reschedule this in the next month or
20 two when it's looking very, very dark even up here in New
21 Hampshire in terms of our numbers. So, if you're willing to
22 work on that, I'm completely open to that. That is music to my
23 ears. So, to the extent you can narrow the scope of the
24 upcoming hearing, please do so and feel free to consult with
25 Donna about rescheduling it, although that's hard for her. She

1 does a lot of work putting these together and scheduling them
2 in a time that works for you. So, if there's any way you can
3 look at them quickly and resolve some of them, perhaps, or
4 narrow the scope of some of them and get me that information
5 before the currently scheduled hearing, I know Donna would be
6 happy with that, and I like to make Donna happy.

7 In any event, I'm very open to that. I appreciate
8 that, and I appreciate all the work of excellent counsel on the
9 screen before me. So, thank you all very much, and I'll look
10 forward to seeing you either in a week or two, and in the
11 meantime, please, please, stay safe, be very careful, and have
12 a Happy Thanksgiving.

13 MR. ORENT: Thank you. You as well, your Honor.

14 THE COURT: Take care.

15 MS. ARMSTRONG: Thanks, your Honor.

16 MR. CHEFFO: Thank you, your Honor.

17 (WHEREUPON, the proceedings adjourned at 4:34 p.m.)
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C E R T I F I C A T E

I, Brenda K. Hancock, RMR, CRR and Official Court Reporter of the United States District Court, do hereby certify that the foregoing transcript constitutes, to the best of my skill and ability, a true and accurate transcription of my stenotype notes taken in the matter of In Re: Atrium Medical Corp. C-Qur Mesh Products Liability Litigation, No. 16-md-02753-LM.

Date: 11/24/20

/s/ Brenda K. Hancock
Brenda K. Hancock, RMR, CRR
Official Court Reporter