STATE OF ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES PUBLIC MEETING

Regarding:

Certificate of Need Application

for

Renovation and Expansion

of the

Electrophysiology Laboratory

Applicant: Providence Alaska Medical Center

August 4, 2009

Anchorage, Alaska

Meeting conducted by:

Karen Lawfer

Reported by: Susan J. Warnick, RPR

			Page 2
1	TABLE OF CONTENTS		
2		Page	
3	Opening remarks by Karen Lawfer:	3	
4	Public Comment:		
5	Dr. Dale Webb:	4	
6			
7	Presentation by Providence Alaska Medical	Center	
8	Dr. Steven Compton:	7	
9	Robert Hughes:	19	
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

	Pag
1	Tudesday, August 4, 2009
2	5:00 P.M.
3	OPENING REMARKS BY KAREN LAWFER
4	KAREN LAWFER: I'm Karen Lawfer, and I'm the
5	certificate of need coordinator with the state department
6	of Health and Social Services.
7	The purpose of this meeting tonight is to take
8	public input on certificate of need application that
9	Providence Alaska Medical Center has submitted to increase
10	or to relocate their electrophysiology catheterization lab
11	I take that back they are going to actually build in
12	an existing space to build an electrophysiology
13	catheterization lab in approximately 6,000 square feet of
14	existing space in the medical center at a cost of seven
15	million and 30 thousand dollars.
16	The purpose of this meeting is we will be on
17	record. There will be a transcript of the meeting.
18	Anything that is said in this meeting I can use as far as
19	my review as well as what is in the application as well.
20	So if there is something that you think is more timely
21	than when the original application went in in June, you
22	may add that, and that may be considered as part of the
23	review.
24	Public comments are still being taken and they
25	can be taken written or people can e-mail me and they can

- 1 be taken until -- I can tell you exactly -- August 17,
- 2 4:30 P.M. So if you have someone that would like to
- 3 submit written comments, I can receive them by letter; I
- 4 can receive them by fax; and I can receive them by e-mail,
- 5 either way is acceptable to me, as long as they are
- 6 received by 4:30 on the 17th.
- 7 And if you would like all the contact
- 8 information that I have, I have extra copies of the public
- 9 notice right here, so feel free to grab one.
- 10 And with that, I would like to bring up our
- 11 first speaker, Mr. Dale Webb.
- 12 PUBLIC COMMENT
- DR. DALE WEBB: I'm a physician, and I have been
- in town for 38 years. I'm an oncologist, and I guess you
- 15 all know that medicine has gotten so complicated that
- 16 cardiologists don't know what oncologists do and
- 17 oncologists don't know what cardiologists do.
- So I'm a patient advocate testifier of the sense
- 19 of extending the electrophysiology lab.
- When I was about 30, I flipped into AF and was
- 21 in it for a while in the army. Then I was in and out, but
- 22 it never bothered me, and so I stayed skinny and ran
- 23 marathons, did all of that stuff. It kind of ran in my
- 24 family. It got worse and worse.
- 25 Two years ago, I flipped into it and didn't come

- 1 out. Did shocks, beta blockers and Coumaden, and that
- 2 stuff is bad. Beta blockers make you feel crummy. The
- 3 shocks didn't work, so I just wasn't pleased.
- 4 So I had a cardiologist friend down in the Bay
- 5 area look, and he said, come on down here, you need an
- 6 ablation procedure. I had been hearing about those.
- 7 It was successful, and now I'm a happy camper.
- 8 I don't have to take beta blockers, and I'm sort of
- 9 thinking about a marathon, but I'm not sure.
- 10 So if any of you have any questions of somebody
- 11 whose been through it -- and I have a video of the inside
- of my left atrium, but I can't bring myself to look at it.
- 13 I just despise being ill with the arrhythmia and I'm sure
- 14 glad it could be fixed.
- So this whole field from the people I talked to
- 16 is exploding. There is zillions of people around the
- 17 world that have, like me, have AF, and the procedure is
- 18 not simple but it works and, it's not open heart stuff,
- 19 and so if you have any questions of somebody who been
- 20 through the program, can I answer anything?
- DR. STEVE COMPTON: Come you explain a little
- 22 bit more about what your procedure was like on your end?
- 23 DR. DALE WEBB: It was difficult. The
- 24 anesthesia, they stick a probe down your esophagus and
- 25 make sure you don't have clots in your left atrium. They

- 1 worry about that flipping off. That's the reason your
- 2 blood has to be pretty thin. That's a big deal. I have
- 3 actually had patients in the past who have dealt with
- 4 strokes with arrhythmias, and then they put me to sleep,
- 5 and I was asleep a long time. When I woke up, I was in
- 6 normal sinus rhythm. I didn't have that quivering atrial
- 7 fibrillation feeling in my chest.
- 8 Then I -- you have a cardiomyopathy, and I
- 9 wasn't right. In fact, I'm just right now kind of -- I'm
- 10 a year and a half since the ablation, and I'm just now
- 11 kind of getting back to what I like. So whatever, normal
- 12 sinus rhythm beats atrial fibrillation any day of the
- 13 week.
- 14 ROBERT HUGHES: You said you are no longer
- 15 taking beta blockers?
- MR. DALE WEBB: Right.
- 17 ROBERT HUGHES: Are you still taking the
- 18 Coumaden?
- 19 MR. DALE WEBB: No. I take Aspirin; I watch my
- 20 blood pressure and all that stuff and look forward to
- 21 doing more exercise.
- 22 Any other questions?
- Well, I sure appreciate you letting me in. I'm
- 24 very much for it.
- 25 KAREN LAWFER: Thank you.

- 1 LISA WOLF: Thanks, Dr. Webb.
- 2 KAREN LAWFER: So for purposes of the record,
- 3 that was Dale, D-a-l-e. Last name Webb, W-e-b-b.
- 4 This hearing or this meeting will go until 6:30.
- 5 I want to you to understand, though, that do you not have
- 6 to stay until 6:30. We have a time period so that people
- 7 can come and go. I will not take any exception for
- 8 someone to say what they would like to say and leave, so
- 9 please feel free, just like in the case of Dr. Webb, say
- 10 what you would like to say and leave. That would be just
- 11 fine.
- 12 And with that, we will have Dr. Steven Compton
- 13 -- is it Steven?
- DR. STEVEN COMPTON: Uh-huh.
- 15 KAREN LAWFER: I'm sorry, I added an "N" on
- 16 that. C-o-m-p-t-o-n. And he is going to give a
- 17 presentation on the electrophysiology catheterization lab.
- 18 PRESENTATION BY PROVIDENCE ALASKA MEDICAL CENTER
- 19 MR. STEVE COMPTON: So I represent the Alaska
- 20 Heart Institute. We're a group of 24 cardiologists, and
- 21 I'm one of three electrophysiologists who have devoted our
- 22 practice to heart rhythm management. So that is myself
- 23 with Dr. Strobel and Balaban.
- 24 We treat all the arrhythmias out there, and the
- 25 focus today is in atrial fibrillation, because that

- 1 therapy is the one that is growing the fastest, and I'll
- 2 explain why. The most important reason is that it is the
- 3 most common human arrhythmia by far. Of all of the
- 4 arrhythmia disturbances that we see, this one is very,
- 5 very popular. And, for instance, in men, if you make it
- 6 past age 40, the odds of developing atrial fibrillation
- 7 before you die is about 26 percent. Around 17 percent for
- 8 women. So very common rhythm disorder.
- 9 The main issue with atrial fibrillation is that
- 10 you developed a rapid chaotic rhythm in the top of the
- 11 heart, the atrium. And as we put electrodes inside the
- 12 heart and record, typically they'll clock in around 350 or
- 13 400 beats per minute. Now, thankfully, the bottom of the
- 14 heart doesn't go quite as fast, but the top of the heart
- is firing so quickly it just quivers and doesn't pump
- 16 blood very effectively. The bottom of the heart then
- 17 becomes irregular and doesn't pump as effectively either.
- 18 So as a consequence you have reduced output of
- 19 the heart; it doesn't pump as well, that may result in
- 20 feeling okay at rest, but typically there is a lot of
- 21 exertional fatigue, and people have reduced stamina and
- 22 reduced exertional tolerance. Often they are short of
- 23 breath and fatigued whenever they try to exert themselves,
- 24 and then the fast rhythm in the top of the heart leads to
- 25 stasis, where blood didn't moving very well, and the

- 1 bloods job is keep moving through your body. If it ever
- 2 stops, it can clot. So clots forming in the atrium are
- 3 bad news. If a clot washes out of your heart, it can go
- 4 somewhere like your spleen where you never really care
- 5 about that, but if the same clot goes to your brain, it
- 6 could cause a disabling stroke, and it does.
- 7 And so we know that atrial fibrillation is bad
- 8 for people because it leads to stroke, and it leads to
- 9 congestive heart failure. It weakens the heart. As a
- 10 matter of fact, the mortality risk with atrial
- 11 fibrillation is more than twice that of age managed
- 12 controls with similar heart function. It doubles your
- 13 risk of dying, and so besides feeling lousy, you know that
- 14 you have a higher risk of death.
- The cost of treating atrial fibrillation in the
- 16 United States, last figure out was close to seven billion
- 17 dollars per year, just for medical expenses, not counting
- 18 lost productivity.
- 19 There are published international treatment
- 20 guidelines for management of atrial fibrillation. This is
- 21 a little scheme from the American College of Cardiology
- 22 and American Heart Association, and European Society of
- 23 Cardiology have ganged up, and this is just one little
- view from almost a hundred-page-long document what we know
- 25 about atrial fibrillation and what we think about the

- 1 proper way to manage it.
- 2 And depending whether there is underlying heart
- 3 disease, we do have different medications that can be used
- 4 to treat atrial fibrillation. The problem is that the
- 5 medicines we have don't work very well, and they can kill
- 6 you, and so the success rate in various trials for a given
- 7 anti-arrhythmic drug is typically around 40 percent in
- 8 terms of controlling arrhythmia for a year, and if you
- 9 follow people out for more than a year, the success drops
- 10 further, and then typically, even if you achieve
- 11 successful control of your arrhythmia with a drug, within
- 12 five years most people are having break through arrhythmia
- 13 dispute the drug. So for most people, drug management is
- 14 just a temporizing way to maintain a normal arrhythmia.
- Then, the other part of these drugs is that they
- 16 act by changing the way that electrical transmission
- 17 occurs in your heart. That can be very helpful in the
- 18 atrium, but in the bottom of the heart, the ventricle,
- 19 these drugs can actually irritate and cause life
- 20 threatening arrhythmias. So a number of these drugs have
- 21 been shown to increase mortality risk in patients who use
- 22 them compared to placebo. So if you're ever in a drug
- 23 versus placebo study for an anti-arrhythmic, placebo is
- 24 the good way to go.
- 25 So the advent of catheter ablation for atrial

- 1 fibrillation has become important, and you can see that no
- 2 matter whether or not you have structural heart disease,
- 3 heart failure, high blood pressure, catheter ablation has
- 4 become part of how we treat atrial fibrillation.
- 5 And the history is that we have been able to
- 6 treat certain simple arrhythmias with surgery starting in
- 7 the early 1980s, and once it became clear that some of
- 8 these arrhythmias could be solved, the big question is
- 9 whether that could be done without opening up the chest.
- 10 So by the the late 80s, early '90s, it became possible to
- 11 move catheters around inside the heart, map an arrhythmia
- 12 source from within the heart, and then cauterize the
- 13 tissue that's causing the problem. If we cauterize muscle
- 14 tissue, it stops firing electrically and scar tissue
- 15 doesn't fire, and so we can interrupt any kind of a
- 16 re-entrance circuit that way.
- 17 So that is the basic idea. We started out in
- 18 the early '90s with very simple arrhythmias. I was there
- 19 for the beginning of this, and in the last -- especially
- 20 the last five years we have been able to tackle the most
- 21 difficult and common arrhythmia, which is atrial
- 22 fibrillation.
- 23 So this is -- we have a new procedure which we
- 24 think is likely curative. The reason I say likely is that
- 25 there is nobody on the plant that is 20 years out from AF

- 1 ablations. It's that new. So we have to wait and see
- 2 what the long-term results are, but I do have patients
- 3 running around Alaska who are eight or nine years out and
- 4 still in sinus rhythm, and we have high hopes these are
- 5 truly curative.
- 6 The demand is high. Atrial fibrillation is a
- 7 disease of aging and becomes more common as we get older.
- 8 The natural history of this disorder is that you start out
- 9 with little episodes and over the years they become more
- 10 frequent, more sustained, and likely you lock into atrial
- 11 fibrillation, just the way Dr. Webb described. That would
- 12 be a pretty typical course.
- And so because it's a disease of aging, it's far
- 14 more common once you're over the age of 60, 65 than it
- 15 would be in your 30s or 40s. And so as a population ages,
- 16 expect to see more atrial fibrillation, and as I'll show
- 17 you, that is a bigger deal here in Alaska because our
- 18 population is aging more quickly than the general
- 19 population in the Lower 48.
- I'm showing you here a picture of one of the
- 21 electrophysiology laboratories at Providence. We have a
- 22 patient laying on the x-ray table with two x-ray cameras
- 23 giving us views of the heart as we move a catheter around
- 24 inside the heart. We can put in an ultrasound probe
- inside the heart and also see what's going on, and we can

- 1 also use a newer three-dimensional mapping system to see
- 2 our catheters moving in the heart in real time and also
- 3 keep track of where we have been and to show where
- 4 arrhythmia lives, and so we can take newer kind of
- 5 imaging. This is a CT image of the heart. We can take
- 6 three-dimensional images of the heart, and here is just
- 7 different views of the same heart.
- 8 And you can take an image like that off the CT
- 9 scanner or MR scanner, either way, and put it on a plain
- 10 old disk, a CD. We can download the data into our mapping
- 11 system, and I'm showing the raw data here and we can
- 12 reconstruct a three-dimensional heart from that and then
- 13 electronically dissect our way down and remove the
- 14 different heart chambers until we peel our way down to, in
- 15 this case, the left atrium. In this case, the left atrium
- 16 is the chamber of interest. We can take that
- 17 three-dimensional reconstruction of the left atrium and
- 18 use that as our template as we map around and map the
- 19 arrhythmia in real time.
- 20 LISA WOLF: Is that what you were using in one
- 21 picture today -- is that what you were doing --
- DR. STEVEN COMPTON: No. That was different.
- 23 We weren't using a CT image. We were just using a
- 24 straight map. We don't always have the image. For atrial
- 25 fibrillation, that is a better way to go because it's the

- 1 anatomic-based approach.
- 2 I'm showing the kind of view that we have as
- 3 we're working our way through the heart. We can see our
- 4 ablation catheters moving in space, and we can leave a
- 5 little bread crumb trail behind as we ablate to show where
- 6 we have been. In this example, we ablating -- in this
- 7 example it's called an ismus (ph) line, just to divide and
- 8 interrupt a re-entrant rhythm pathway.
- 9 And so this is the image that Dr. Webb -- I knew
- 10 he was coming. I thought he would want to see it, but
- 11 apparently not. This is actually Dr. Webb's left atrium,
- 12 and so here what we have is a cut-away view, a
- 13 three-dimensional view of his heart. Cut away where the
- 14 mitral valve is. We see the pulmonary veins heading up,
- 15 and it turns out the pulmonary veins drain blood from the
- 16 lungs back to the heart. We used to think of it as
- 17 passive little pipes, but they have muscle tissue that is
- 18 electrically active. That's where this particular
- 19 arrhythmia usually comes from.
- 20 If we can go into the heart and cauterize our
- 21 way around and electrically isolate the pulmonary veins
- 22 from the left atrium, then we can take that arrhythmia and
- 23 bottle it up in the pulmonary veins, so that that rapid
- 24 firing no longer gets out into the heart.
- 25 And so these red dots represent ablation lesions

- 1 as we have worked our way around through here, and as I
- 2 paint my way along with the catheter, there is a
- 3 technician who is leaving a little trail behind so I know
- 4 where I have been, and so on this image, it looks a little
- 5 discontinuous because the software will pop the dots on
- 6 either side of the shell, but these actually continue all
- 7 the way around.
- 8 So when we're done, the electrical activity
- 9 inside the heart, inside the left atrium no longer
- 10 conducts in the pulmonary veins, and if it repeats in the
- 11 pulmonary veins, it no longer gets in the heart.
- 12 Sometimes you'll actually be able to see pulmonary veins
- 13 fibrillate when you're done with the patient in a
- 14 rock-steady rhythm. So, all of a sudden, we don't have to
- 15 worry about the risk of heart failure or stroke because we
- 16 don't care if the pulmonary veins fibrillate.
- 17 So I'm showing a plot -- actually a double plot
- 18 looking at the age distribution with atrial fibrillation
- 19 as a bar graph, and the main point is that you really
- 20 don't see anybody with atrial fibrillation that is less
- 21 than 40, and the median age for an atrial fibrillation
- 22 patient is 75. So it's really a disease of the elderly.
- 23 Then, things trail off below that. So between 45 and 75
- 24 is when we see a lot of atrial fibrillation.
- 25 And then the second plot here is just an age

- 1 distribution of the American population as of 1995, and
- 2 there is a big lump where the baby boomers are. And as
- 3 the American population ages, the entire -- this entire
- 4 line moves its way to the right, and when the lump hits
- 5 this peak, that means the baby boomers are fibrillating,
- 6 and this is what we're starting to worry about as the
- 7 population. It's not just atrial fibrillation. All these
- 8 medical issues we deal with in elderly will really become
- 9 big, big problems, because we will have a much bigger
- 10 overall medical burden.
- 11 The prevalence of atrial fibrillation varies
- 12 with age and sex, and interestingly, it's more common in
- 13 men than in women, and what I wanted to show with this
- 14 plot is just to compare of prevalence of atrial
- 15 fibrillation versus all the other arrhythmias that we have
- 16 been ablating for the last 15 years. Super ventricular
- 17 tachycardias, atrial flutters, the percentage of those is
- 18 2.3 percent of the population roughly, and so -- but by
- 19 the time you get up into your 70s, the prevalence of
- 20 atrial fibrillation in 75-year-old men is around 6
- 21 percent, and so we're talking about the number of cases of
- 22 arrhythmias that we actually see. All of sudden the
- 23 infrastructure that was built for ablating those less
- 24 common arrhythmias isn't even remotely enough to manage
- 25 the atrial fibrillation burden of the population.

- 1 And so the overall number of patients with
- 2 atrial fibrillation is expected to grow as the baby
- 3 boomers age and grow, so the slope will start to increase
- 4 substantially in the next decade or so. It already has.
- 5 And Alaska has a very special situation because
- 6 the Alaska population has been pretty young for a long
- 7 time. When I was kid in the '70s, I remember being
- 8 surprised to learn that the average age of Alaska at the
- 9 time was something like 27, you know, back in the pipeline
- 10 days. People would grow up and they would leave the
- 11 state. Once they turned 65, it was just unthinkable that
- 12 you would actually stay here and be an older person. And
- 13 now we see patients actually come here to retire.
- And so as a consequence of that, the Alaskan
- 15 population is aging, and we haven't traditionally had a
- 16 lot of elderly patients, but the 65-and-older crowd is
- 17 growing faster in Alaska than the country at large. If
- 18 you actually compare the growth of the senior population
- in Alaska versus the rest of the United States, it's about
- 20 four or five times here, and I think we're only matched by
- 21 Arizona in terms of the growth of that population. These
- 22 are data from UAA ISER.
- And so as a consequence, the volume of atrial
- 24 fibrillation ablations has just shot up in the last few
- 25 years. This is the local volume, and we're wrestling with

- 1 scheduling patients and getting them in there, and the
- 2 limiting factor to treating our patients is becoming
- 3 cardiac catheterization laboratory space. We can't run
- 4 those labs 24 hours a day or staff will all quit on us,
- 5 and so if we want to do these elective cases what we need
- 6 is more space. We need to have a higher through-put
- 7 during workers hours.
- 8 So for now, atrial fibrillation ablation
- 9 typically takes anywhere from two to five hours, depending
- 10 on the complexity of the case. We hope to see the
- 11 procedure improve in terms of safety and efficacy and
- 12 timing. One idea is that we ultimately may be inflating
- 13 balloons in the pulmonary veins, and here's an idea where
- 14 we inflate a balloon in a pulmonary vein and apply cold
- 15 and freeze the opening of the vein to once again
- 16 electrically disconnect it, and this system is being
- 17 tested in Europe as we speak and may be available in the
- 18 United States before too long.
- 19 And there is a lot of effort being expended on
- 20 finding ways to make these procedure safer and faster. No
- 21 matter how safe and fast the procedure becomes, we still
- 22 have to the face the fact that we have an awful lot of
- 23 patients with atrial fib and we will need a fair amount of
- 24 specialized equipment in order to manage these arrhythmias
- 25 with catheterization ablation, even with newer technology,

- 1 and so we have had very good support from Providence, but
- 2 at the point, we're kind of running out of time in the
- 3 labs and a new lab at Providence would make a big
- 4 difference for our patients and help us treat them better.
- 5 So we're facing a tsunami of aging population in
- 6 the United States, even more rapidly in Alaska, and just
- 7 overall greater local population problem of heart disease.
- 8 So despite the cost of living, it remains popular. Atrial
- 9 fibrillation isn't going to go away, and we may as well
- 10 just plan ahead and be ready to go with it as the problem
- 11 increases.
- 12 Thank you for your attention.
- 13 KAREN LAWFER: Anyone else who would like to
- 14 speak?
- 15 ROBERT HUGHES: I do.
- 16 KAREN LAWFER: Oh, yes. Mr. Hughes.
- 17 ROBERT HUGHES: I'll leave you a copy of my
- 18 slides, and I don't need to go through those. You saw
- 19 today that we have five labs, two of those labs are busy
- 20 during the day doing angioplasties and stenting and the
- 21 normal cardiac stuff. One of them is an interventional
- 22 radiology lab, which is very busy. We only have one lab
- 23 dedicated to intervention radiology, and there is a lot of
- 24 dialysis work and fistalgrams and so on being done, so
- 25 it's a very busy lab. We have one lab which you are

- 1 looking at today which is dedicated to electrophysiology.
- 2 The fifth lab is a swing lab. It's whatever you want to
- 3 call it. It's the overflow, so it gets whatever is the
- 4 busiest for today. So being that it's, as the term goes,
- 5 a jack of all trades and a master of none, it's not
- 6 perfect for cardiac work, it's not perfect for
- 7 interventional radiology work, it's not perfect -- it's
- 8 not even close to perfect for electrophysiology work.
- 9 We do schedule some electrophysiology cases in
- 10 there. The doctors always come and tell me how unhappy
- 11 they are that day, because it's just a very difficult lab
- 12 to work around in.
- Despite that, there is -- Dr. Compton has looked
- 14 at the list several times, and we just schedule what the
- 15 doctors' offices call us and schedule, so we don't keep a
- 16 waiting list in the hospital.
- So we went to AHI and we went to the doctors and
- 18 said, you know, how many patients out there do you need to
- 19 do atrial fibrillation ablations on or some some type of
- 20 ablation. As you said, they are not emergent. They are
- 21 things that we can plan. The list varies. The best
- 22 situation is that there is three months, the reality is
- 23 it's probably four and a half months of wait time.
- We've made this calculation that, you know, our
- 25 CFO wants to have numbers in order to do this. So we

- 1 tried to figure out how many of these procedures we can do
- 2 in a day. So after a lot of work, we figured that we can
- 3 do two and a quarter a day. Well, you know, you can't do
- 4 a quarter of a procedure, but sometimes we can get three
- 5 done. Dr. Compton is excellent, and I'm not sure how he
- 6 does it, but he can, you know, he will put on three
- 7 ablation cases, and we will call him up and tell him no
- 8 way, you can't do that. He'll say, oh, yeah, this one is
- 9 going to be easy, and sure enough, they're in and out of
- 10 there in hour and a half and it's no big deal. That
- 11 doesn't happen very often. So we normally get two
- 12 scheduled in a day, with the occasional day that gets a
- 13 third case.
- 14 This will be a big help to have another lab that
- 15 we can schedule more cases on a daily basis. AHI has been
- 16 talking with physicians for quite a while now about
- 17 getting another electrophysiologist, and they just don't
- 18 because there is no place for them to work. So this will
- 19 address the need that is in the community. It's an unmet
- 20 need. If you look at the calculations that the state
- 21 recommends, if you look at cath lab volume and increases
- 22 in volume, they are not predictive of what this is at all.
- 23 Because this cannot escalate because there is no place for
- it to go. It's an unmet need that we're addressing to be
- 25 able to bring these patients in and take care of them.

- I think that's the big issue, the big thing that
- 2 needs to be understood is that these are not emergent, so
- 3 you don't have those people coming in at 2:00 at the
- 4 morning where you can see that, okay, there is pressure
- 5 because the patients are coming in. These are patients
- 6 that can wait; although they are not particularly really
- 7 happy about it. So we're trying to meet that need.
- 8 KAREN LAWFER: For the record, that was Robert
- 9 Hughes, H-u-g-h-e-s.
- 10 Do I have anyone else who would like to speak to
- 11 the project?
- 12 With that, I will close public record, in case
- 13 someone else shows, then we will go back on record, but in
- 14 the meantime, as I said earlier, I will not take offense
- 15 if you need to leave. I'll totally understand. Sue and I
- 16 will continue to talk about family things, because we
- 17 don't get to see each other very often.
- 18 If you want to grab one of the public notices
- 19 with all the contact information for a patient or someone
- 20 who would like to provide a written comment, either by
- 21 letter, fax or e-mail, grab one of those. Like I said
- 22 earlier, they are due no later than 4:30 on the 17th of
- 23 August.
- 24 Off record.
- 25 (Off record.)

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Page 23
                KAREN LAWFER: It is now 6:30 and we're closing
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     this public meeting for the evening.
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                 (Proceedings adjourned at 6:30 p.m.)
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Page 24
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                        REPORTER'S CERTIFICATE
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              I, SUSAN J. WARNICK, RPR, and Notary Public in
 3
     and for the State of Alaska do hereby certify:
              That the proceedings were then taken before me at
 4
     the time and place herein set forth; that the testimony
 5
 6
     and proceedings were reported stenographically by me and
     later transcribed under my direction by computer
 7
     transcription; that the foregoing is a true record of the
 8
     testimony and proceedings taken at that time; and that I
 9
     am not a party to nor have I any interest in the outcome
10
     of the action herein contained.
11
              IN WITNESS WHEREOF, I have hereunto subscribed my
12
     hand and affixed my seal this _____ day of _____,
13
     2009.
14
15
16
17
                               SUSAN J. WARNICK,
                               Registered Professional Reporter
18
                               Notary Public for Alaska
19
     My Commission Expires: April 8, 2010
20
21
22
23
24
25
```

A
ablate 14:5
ablating 14:6 16:16
16:23
ablation 5:6 6:10
10:25 11:3 14:4
14:25 18:8,25
20:20 21:7
ablations 12:1
17:24 20:19
able 11:5,20 15:12
21:25
acceptable 4:5
achieve 10:10
act 10:16
action 24:11
active 14:18
activity 15:8
add 3:22
added 7:15
address 21:19
addressing 21:24
adjourned 23:3
advent 10:25
advocate 4:18
AF 4:20 5:17 11:25
affixed 24:13
age 8:6 9:11 12:14
15:18,21,25 16:12
17:3,8
ages 12:15 16:3
aging 12:7,13,18
17:15 19:5
ago 4:25
ahead 19:10
AHI 20:17 21:15
Alaska 1:4,15,18
2:7 3:9 7:18,19
12:3,17 17:5,6,8
17:17,19 19:6
24:3,18
Alaskan 17:14
American 9:21,22 16:1,3
amount 18:23
anatomic-based
14:1
Anchorage 1:18

anesthesia 5:24 angioplasties 19:20 answer 5:20 anti-arrhythmic 10:7,23 **anybody** 15:20 apparently 14:11 Applicant 1:15 application 1:9 3:8 3:19,21 apply 18:14 appreciate 6:23 approach 14:1 approximately 3:13 **April** 24:19 area 5:5 Arizona 17:21 army 4:21 arrhythmia 5:13 8:3,4 10:8,11,12 10:14 11:11,21 13:4,19 14:19,22 arrhythmias 6:4 7:24 10:20 11:6,8 11:18 16:15,22,24 18:24 asleep 6:5 Aspirin 6:19 **Association** 9:22 atrial 6:6,12 7:25 8:6,9 9:7,10,15,20 9:25 10:4,25 11:4 11:21 12:6,10,16 13:24 15:18,20,21 15:24 16:7,11,14 16:17,20,25 17:2 17:23 18:8,23 19:8 20:19 atrium 5:12,25 8:11 9:2 10:18 13:15,15,17 14:11 14:22 15:9 attention 19:12 August 1:17 3:1 4:1 22:23 available 18:17

average 17:8

awful 18:22 В baby 16:2,5 17:2 back 3:11 6:11 14:16 17:9 22:13 bad 5:2 9:3,7 Balaban 7:23 **balloon** 18:14 balloons 18:13 **bar** 15:19 **basic** 11:17 **basis** 21:15 **Bav** 5:4 beats 6:12 8:13 becoming 18:2 beginning 11:19 best 20:21 beta 5:1,2,8 6:15 better 13:25 19:4 big 6:2 11:8 16:2,9 16:9 19:3 21:10 21:14 22:1,1 bigger 12:17 16:9 billion 9:16 **bit** 5:22 **blockers** 5:1,2,8 6:15 blood 6:2,20 8:16 8:25 11:3 14:15 bloods 9:1 **body** 9:1 **boomers** 16:2,5 17:3 bothered 4:22 **bottle** 14:23 **bottom** 8:13,16 10:18 brain 9:5 **bread** 14:5 **break** 10:12 breath 8:23 **bring** 4:10 5:12 21:25 **build** 3:11,12 **built** 16:23 **burden** 16:10,25

busiest 20:4

busy 19:19,22,25 \mathbf{C} calculation 20:24 calculations 21:20 call 20:3,15 21:7 called 14:7 cameras 12:22 camper 5:7 cardiac 18:3 19:21 20:6 cardiologist 5:4 cardiologists 4:16 4:17 7:20 Cardiology 9:21,23 cardiomyopathy 6:8 care 9:4 15:16 21:25 case 7:9 13:15,15 18:10 21:13 22:12 cases 16:21 18:5 20:9 21:7,15 cath 21:21 catheter 10:25 11:3 12:23 15:2 catheterization 3:10,13 7:17 18:3 18:25 catheters 11:11 13:2 14:4 cause 9:6 10:19 causing 11:13 **cauterize** 11:12,13 14:20 **CD** 13:10 center 1:15 2:7 3:9 3:14 7:18 certain 11:6 certificate 1:9 3:5,8 24:1 certify 24:3 **CFO** 20:25 chamber 13:16 chambers 13:14 changing 10:16 chaotic 8:10 **chest** 6:7 11:9

circuit 11:16 **clear** 11:7 **clock** 8:12 close 9:16 20:8 22:12 closing 23:1 clot 9:2,3,5 **clots** 5:25 9:2 **cold** 18:14 College 9:21 come 4:25 5:5,21 7:7 17:13 20:10 comes 14:19 coming 14:10 22:3 22:5 **comment** 2:4 4:12 22:20 **comments** 3:24 4:3 Commission 24:19 **common** 8:3,8 11:21 12:7,14 16:12,24 community 21:19 **compare** 16:14 17:18 compared 10:22 complexity 18:10 complicated 4:15 **Compton** 2:8 5:21 7:12,14,19 13:22 20:13 21:5 computer 24:7 conducted 1:20 conducts 15:10 congestive 9:9 consequence 8:18 17:14,23 considered 3:22 contact 4:7 22:19 contained 24:11 **CONTENTS 2:1** continue 15:6 22:16 **control** 10:11 controlling 10:8 controls 9:12 coordinator 3:5 copies 4:8

extending 4:19

13:14,22

copy 19:17	difficult 5:23 11:21	eight 12:3
cost 3:14 9:15 19:8	20:11	either 4:5 8:17 13:9
Coumaden 5:1	direction 24:7	15:6 22:20
6:18	disabling 9:6	elderly 15:22 16:8
counting 9:17	disconnect 18:16	17:16
country 17:17	discontinuous 15:5	elective 18:5
course 12:12	disease 10:3 11:2	electrical 10:16
crowd 17:16	12:7,13 15:22	15:8
crumb 14:5	19:7	electrically 11:14
crummy 5:2	disk 13:10	14:18,21 18:16
CT 13:5,8,23	disorder 8:8 12:8	electrodes 8:11
curative 11:24 12:5	dispute 10:13	electronically
Cut 14:13	dissect 13:13	13:13
cut-away 14:12	distribution 15:18	electrophysiologist
C-o-m-p-t-o-n 7:16	16:1	21:17
	disturbances 8:4	electrophysiologi
<u>D</u>	divide 14:7	7:21
daily 21:15	doctors 20:10,15	electrophysiology
Dale 2:5 4:11,13	20:17	1:13 3:10,12 4:19
5:23 6:16,19 7:3	document 9:24	7:17 12:21 20:1,8
data 13:10,11	doing 6:21 13:21	20:9
17:22	19:20	emergent 20:20
day 6:12 18:4 19:20	dollars 3:15 9:17	22:2
20:11 21:2,3,12 21:12 24:13	dots 14:25 15:5	entire 16:3,3
days 17:10	double 15:17	episodes 12:9
deal 6:2 12:17 16:8	doubles 9:12	equipment 18:24
21:10	download 13:10	escalate 21:23
dealt 6:3	Dr 2:5,8 4:13 5:21	esophagus 5:24
death 9:14	5:23 7:1,9,12,14	especially 11:19
decade 17:4	7:23 12:11 13:22	Europe 18:17
dedicated 19:23	14:9,11 20:13	European 9:22
20:1	21:5 drain 14:15	evening 23:2
demand 12:6	drops 10:9	exactly 4:1 example 14:6,7
department 1:5 3:5	drug 10:7,11,13,13	example 14.0,7 excellent 21:5
depending 10:2	10:22	exception 7:7
18:9	drugs 10:15,19,20	exercise 6:21
described 12:11	due 22:22	exert 8:23
despise 5:13	dying 9:13	exertional 8:21,22
despite 19:8 20:13	D-a-l-e 7:3	existing 3:12,14
developed 8:10		Expansion 1:11
developing 8:6	E	expect 12:16
devoted 7:21	earlier 22:14,22	expected 17:2
dialysis 19:24	early 11:7,10,18	expended 18:19
die 8:7	easy 21:9	expenses 9:17
difference 19:4	effectively 8:16,17	Expires 24:19
different 10:3 13:7	efficacy 18:11	explain 5:21 8:2
12.14.22	offort 19.10	1 1 1 7 16

effort 18:19

exploding 5:16

extra 4:8 e-mail 3:25 4:4 22:21 \mathbf{F} **face** 18:22 facing 19:5 fact 6:9 9:10 18:22 factor 18:2 **failure** 9:9 11:3 15:15 **fair** 18:23 family 4:24 22:16 **far** 3:18 8:3 12:13 **fast** 8:14,24 18:21 faster 17:17 18:20 fastest 8:1 fatigue 8:21 fatigued 8:23 fax 4:4 22:21 **feel** 4:9 5:2 7:9 **feeling** 6:7 8:20 9:13 feet 3:13 **fib** 18:23 **fibrillate** 15:13,16 fibrillating 16:5 fibrillation 6:7,12 7:25 8:6,9 9:7,11 9:15,20,25 10:4 11:1,4,22 12:6,11 12:16 13:25 15:18 15:20,21,24 16:7 16:11,15,20,25 17:2,24 18:8 19:9 20:19 **field** 5:15 **fifth** 20:2 **figure** 9:16 21:1 figured 21:2 **finding** 18:20 **fine** 7:11 **fire** 11:15 **firing** 8:15 11:14 14:24 **first** 4:11 fistalgrams 19:24

five 10:12 11:20 17:20 18:9 19:19 **fixed** 5:14 **flipped** 4:20,25 flipping 6:1 **flutters** 16:17 **focus** 7:25 **follow** 10:9 foregoing 24:8 forming 9:2 **forth** 24:5 forward 6:20 four 17:20 20:23 **free** 4:9 7:9 **freeze** 18:15 frequent 12:10 friend 5:4 function 9:12 **further** 10:10 \mathbf{G} ganged 9:23 general 12:18 **getting** 6:11 18:1 21:17 **give** 7:16 **given** 10:6 **giving** 12:23 **glad** 5:14 **go** 7:4,7 8:14 9:3 10:24 13:25 14:20 19:9,10,18 21:24 22:13 goes 9:5 20:4 **going** 3:11 7:16 12:25 19:9 21:9 **good** 10:24 19:1 **gotten** 4:15 grab 4:9 22:18,21 **graph** 15:19 greater 19:7 **group** 7:20 **grow** 17:2,3,10 **growing** 8:1 17:17 growth 17:18,21 **guess** 4:14 guidelines 9:20

Η

half 6.10 20.22	:	I 0 4:15 16 17	15.0.11	
half 6:10 20:23	increases 19:11	know 4:15,16,17	15:9,11	mitral 14:14
21:10	21:21	9:7,13,24 15:3	long-term 12:2	months 20:22,23
hand 24:13	inflate 18:14	17:9 20:18,24	look 5:5,12 6:20	morning 22:4
happen 21:11	inflating 18:12	21:3,6	21:20,21	mortality 9:10
happy 5:7 22:7	information 4:8		looked 20:13	10:21
heading 14:14	22:19	lab 3:10,13 4:19	looking 15:18 20:1	move 11:11 12:23
Health 1:5 3:6	infrastructure	7:17 19:3,22,22	looks 15:4	moves 16:4
hearing 5:6 7:4	16:23	19:25,25 20:2,2	lost 9:18	moving 8:25 9:1
heart 5:18 7:20,22	input 3:8	20:11 21:14,21	lot 8:20 15:24	13:2 14:4
8:11,12,14,14,16	inside 5:11 8:11	laboratories 12:21	17:16 18:19,22	muscle 11:13 14:17
8:19,24 9:3,9,9,12	11:11 12:24,25	laboratory 1:13	19:23 21:2	N
9:22 10:2,17,18	15:9,9	18:3	lousy 9:13	$\overline{\mathbf{N}7:15}$
11:2,3,11,12	instance 8:5	labs 18:4 19:3,19	Lower 12:19	name 7:3
12:23,24,25 13:2	Institute 7:20	19:19	lump 16:2,4	natural 12:8
13:5,6,7,12,14	interest 13:16 24:10	large 17:17	lungs 14:16	need 1:9 3:5,8 5:5
14:3,13,16,20,24		late 11:10	M	18:5,6,23 19:18
15:9,11,15 19:7 help 19:4 21:14	interestingly 16:12 international 9:19	Lawfer 1:21 2:3	main 8:9 15:19	20:18 21:19,20,24
_		3:3,4,4 6:25 7:2	maintain 10:14	22:7,15
helpful 10:17 hereunto 24:12	interrupt 11:15 14:8	7:15 19:13,16	manage 10:1 16:24	needs 22:2
	· -	22:8 23:1	18:24	never 4:22 9:4
He'll 21:8	intervention 19:23	laying 12:22	managed 9:11	new 11:23 12:1
high 11:3 12:4,6 higher 9:14 18:6	interventional 19:21 20:7	leads 8:24 9:8,8	management 7:22	19:3
history 11:5 12:8	irregular 8:17	learn 17:8	9:20 10:13	newer 13:1,4 18:25
hits 16:4	irritate 10:19	leave 7:8,10 14:4	map 11:11 13:18	news 9:3
	ISER 17:22	17:10 19:17 22:15	13:18,24	nine 12:3
hope 18:10 hopes 12:4	ismus 14:7	leaving 15:3	mapping 13:1,10	normal 6:6,11
hospital 20:16	isolate 14:21	left 5:12,25 13:15	marathon 5:9	10:14 19:21
hour 21:10	issue 8:9 22:1	13:15,17 14:11,22	marathons 4:23	normally 21:11
hours 18:4,7,9	issues 16:8	15:9	master 20:5	Notary 24:2,18
Hughes 2:9 6:14,17	135UCS 10.0	lesions 14:25	matched 17:20	notice 4:9
19:15,16,17 22:9	J	letter 4:3 22:21	matter 9:10 11:2	notices 22:18
human 8:3	J 1:24 24:2,17	letting 6:23	18:21	number 10:20
hundred-page-lo	jack 20:5	life 10:19	means 16:5	16:21 17:1
9:24	job 9:1	limiting 18:2	median 15:21	numbers 20:25
H-u-g-h-e-s 22:9	June 3:21	line 14:7 16:4	medical 1:15 2:7	
		LISA 7:1 13:20	3:9,14 7:18 9:17	0
I	K	list 20:14,16,21	16:8,10	occasional 21:12
idea 11:17 18:12,13	Karen 1:21 2:3 3:3	little 5:21 9:21,23	medications 10:3	occurs 10:17
ill 5:13	3:4,4 6:25 7:2,15	12:9 14:5,17 15:3	medicine 4:15	odds 8:6
image 13:5,8,23,24	19:13,16 22:8	15:4	medicines 10:5	offense 22:14
14:9 15:4	23:1	lives 13:4	meet 22:7	offices 20:15
images 13:6	keep 9:1 13:3 20:15	living 19:8	meeting 1:6,20 3:7	oh 19:16 21:8
imaging 13:5	kid 17:7	local 17:25 19:7	3:16,17,18 7:4	okay 8:20 22:4
important 8:2 11:1	kill 10:5	lock 12:10	23:2	old 13:10
improve 18:11	kind 4:23 6:9,11	long 4:5 6:5 17:6	men 8:5 16:13,20	older 12:7 17:12
increase 3:9 10:21	11:15 13:4 14:2	18:18	million 3:15	once 11:7 12:14
17:3	19:2	longer 6:14 14:24	minute 8:13	17:11 18:15
	knew 14:9			oncologist 4:14
	ı	1	ı	I

oncologists 4:16,17	 pla
open 5:18	1
opening 2:3 3:3	pla
11:9 18:15	pla
order 18:24 20:25	pla
original 3:21	ple
outcome 24:10	ple
output 8:18	plo
overall 16:10 17:1	1
19:7	po
overflow 20:3	po
	po
P	po
Page 2:2	1
paint 15:2	1
part 3:22 10:15	1
11:4	po
particular 14:18	pr
particularly 22:6	pr
party 24:10	pr
passive 14:17	7
pathway 14:8	pr
patient 4:18 12:22	2
15:13,22 22:19	pr
patients 6:3 10:21	1
12:2 17:1,13,16	pr
18:1,2,23 19:4	1
20:18 21:25 22:5	pr
22:5	pr
peak 16:5	pr
peel 13:14	1
people 3:25 5:15,16	pr
7:6 8:21 9:8 10:9	pr
10:12,13 17:10	5
22:3	1
percent 8:7,7 10:7	pr
16:18,21	pr
percentage 16:17	2
perfect 20:6,6,7,8	pr

period 7:6

ph 14:7

person 17:12

physician 4:13

pipeline 17:9

pipes 14:17

physicians 21:16

picture 12:20 13:21

place 21:18,23 24:5

acebo 10:22,23 0:23 ain 13:9 an 19:10 20:21 ant 11:25 ease 7:9 eased 5:3 ot 15:17,17,25 6:14 int 15:19 19:2 **p** 15:5 **pular** 8:5 19:8 pulation 12:15 2:18,19 16:1,3,7 6:18,25 17:6,15 7:18,21 19:5,7 ssible 11:10 actice 7:22 edictive 21:22 esentation 2:7 1:17,18 essure 6:20 11:3 2:4 ettv 6:2 12:12 7:6 evalence 16:11 6:14,19 **obably** 20:23 obe 5:24 12:24 **oblem** 10:4 1:13 19:7,10 **oblems** 16:9 ocedure 5:6,17 5:22 11:23 18:11 8:20,21 21:4 ocedures 21:1 oceedings 23:3 4:4,6,9 productivity 9:18 **Professional** 24:17 program 5:20 project 22:11 proper 10:1 **provide** 22:20 **Providence** 1:15 2:7 3:9 7:18 12:21 19:1.3 **public** 1:6 2:4 3:8

3:24 4:8,12 22:12 22:18 23:2 24:2 24:18 published 9:19 pulmonary 14:14 14:15,21,23 15:10 15:11,12,16 18:13 18:14 pump 8:15,17,19 purpose 3:7,16 purposes 7:2 put 6:4 8:11 12:24 13:9 21:6 p.m 3:2 4:2 23:3

Q quarter 21:3,4 question 11:8 questions 5:10,19 6:22 quickly 8:15 12:18 quit 18:4 quite 8:14 21:16 quivering 6:6

R

quivers 8:15

radiology 19:22,23 20:7 ran 4:22,23 rapid 8:10 14:23 rapidly 19:6 rate 10:6 raw 13:11 ready 19:10 real 13:2,19 reality 20:22 really 9:4 15:19,22 16:8 22:6 reason 6:1 8:2 11:24 receive 4:3,4,4 received 4:6 recommends 21:21 reconstruct 13:12 reconstruction 13:17 record 3:17 7:2

8:12 22:8,12,13

22:24,25 24:8 red 14:25 reduced 8:18,21,22 Regarding 1:8 Registered 24:17 relocate 3:10 remains 19:8 **remarks** 2:3 3:3 remember 17:7 remotely 16:24 remove 13:13 Renovation 1:11 repeats 15:10 reported 1:24 24:6 Reporter 24:17 REPORTER'S 24:1 represent 7:19 14:25 rest 8:20 17:19 result 8:19 results 12:2 **retire** 17:13 review 3:19,23 re-entrance 11:16 re-entrant 14:8 **rhythm** 6:6,12 7:22 8:8,10,24 12:4 14:8 15:14 **right** 4:9 6:9,9,16 16:4 risk 9:10,13,14 10:21 15:15 **Robert** 2:9 6:14,17 19:15,17 22:8 rock-steady 15:14 roughly 16:18 **RPR** 1:24 24:2 run 18:3 running 12:3 19:2 S safe 18:21 safer 18:20

safety 18:11

scanner 13:9,9

saw 19:18

scar 11:14

schedule 20:9,14 20:15 21:15 scheduled 21:12 scheduling 18:1 scheme 9:21 seal 24:13 **second** 15:25 see 8:4 11:1 12:1,16 12:25 13:1 14:3 14:10,14 15:12,20 15:24 16:22 17:13 18:10 22:4,17 **senior** 17:18 sense 4:18 **Services** 1:5 3:6 set 24:5 seven 3:14 9:16 sex 16:12 **shell** 15:6 **shocks** 5:1,3 **short** 8:22 **shot** 17:24 **show** 12:16 13:3 14:5 16:13 **showing** 12:20 13:11 14:2 15:17 **shown** 10:21 **shows** 22:13 side 15:6 similar 9:12 **simple** 5:18 11:6,18 sinus 6:6,12 12:4 situation 17:5 20:22 **skinny** 4:22 **sleep** 6:4 **slides** 19:18 **slope** 17:3 **Social** 1:5 3:6 Society 9:22 software 15:5 **solved** 11:8 **somebody** 5:10,19 **sorry** 7:15 **sort** 5:8 **source** 11:12 **space** 3:12,14 14:4 18:3,6

speak 18:17 19:14
22:10
speaker 4:11
special 17:5
specialized 18:24
spleen 9:4
square 3:13
staff 18:4
stamina 8:21
start 12:8 17:3
start 12.8 17.3
starting 11:6 16:6
stasis 8:25
state 1:4 3:5 17:11
21:20 24:3
States 9:16 17:19
18:18 19:6
stay 7:6 17:12
stayed 4:22
stenographically
24:6
stenting 19:20
STEVE 5:21 7:19
Steven 2:8 7:12,13
7:14 13:22
stick 5:24
stops 9:2 11:14
straight 13:24
Strobel 7:23
stroke 9:6,8 15:15
strokes 6:4
structural 11:2
study 10:23
stuff 4:23 5:2,18
6:20 19:21
submit 4:3
submitted 3:9
subscribed 24:12
substantially 17:4
success 10:6,9
successful 5:7
10:11
sudden 15:14 16:22
Sue 22:15
Super 16:16
support 19:1
sure 5:9,13,25 6:23
21:5,9
I

1
surgery 11:6
surprised 17:8
Susan 1:24 24:2,17
sustained 12:10
swing 20:2
system 13:1,11
18:16
table 2:1 12:22
tachycardias 16:17
•
tackle 11:20
take 3:7,11 5:8
6:19 7:7 13:4,5,8
13:16 14:22 21:25
22:14
taken 3:24,25 4:1
24:4,9
takes 18:9
talk 22:16
talked 5:15
talking 16:21 21:16
technician 15:3
technology 18:25
tell 4:1 20:10 21:7
template 13:18
temporizing 10:14
term 20:4
terms 10:8 17:21
18:11
tested 18:17
testifier 4:18
testimony 24:5,9
Thank 6:25 19:12
thankfully 8:13
Thanks 7:1
therapy 8:1
2 0
thin 6:2
thing 22:1
things 15:23 20:21
22:16
think 3:20 9:25
11:24 14:16 17:20
22:1
thinking 5:9
third 21:13
thought 14:10
thousand 3:15
mousanu 5.15

```
threatening 10:20
three 7:21 20:22
 21:4.6
three-dimensional
 13:1,6,12,17
 14:13
through-put 18:6
time 6:5 7:6 13:2
 13:19 16:19 17:7
 17:9 19:2 20:23
 24:5,9
timely 3:20
times 17:20 20:14
timing 18:12
tissue 11:13,14,14
 14:17
today 7:25 13:21
 19:19 20:1,4
tolerance 8:22
tonight 3:7
top 8:10,14,24
totally 22:15
town 4:14
track 13:3
trades 20:5
traditionally 17:15
trail 14:5 15:3,23
transcribed 24:7
transcript 3:17
transcription 24:8
transmission 10:16
treat 7:24 10:4 11:4
 11:6 19:4
treating 9:15 18:2
treatment 9:19
trials 10:6
tried 21:1
true 24:8
truly 12:5
try 8:23
trying 22:7
tsunami 19:5
Tudesday 3:1
turned 17:11
turns 14:15
twice 9:11
two 4:25 12:22 18:9
 19:19 21:3,11
```

tvpe 20:19 **typical** 12:12 **typically** 8:12,20 10:7,10 18:9 U **UAA** 17:22 **Uh-huh** 7:14 ultimately 18:12 ultrasound 12:24 underlying 10:2 understand 7:5 22:15 understood 22:2 **unhappy** 20:10 **United** 9:16 17:19 18:18 19:6 unmet 21:19,24 unthinkable 17:11 use 3:18 10:21 13:1 13:18 **usually** 14:19 \mathbf{V} valve 14:14 varies 16:11 20:21 various 10:6 vein 18:14.15 veins 14:14,15,21 14:23 15:10,11,12 15:16 18:13 ventricle 10:18 ventricular 16:16 versus 10:23 16:15 17:19 video 5:11 view 9:24 14:2,12 14:13 views 12:23 13:7 volume 17:23,25 21:21,22 \mathbf{W} wait 12:1 20:23 22:6 waiting 20:16 want 7:5 14:10

18:5 20:2 22:18

wanted 16:13

wants 20:25 **Warnick** 1:24 24:2 24:17 washes 9:3 wasn't 5:3 6:9 watch 6:19 way 4:5 10:1,14,16 10:24 11:16 12:11 13:9,13,14,25 14:3,21 15:1,2,7 16:4 21:8 wavs 18:20 weakens 9:9 **Webb** 2:5 4:11,13 5:23 6:16,19 7:1,3 7:9 12:11 14:9 Webb's 14:11 week 6:13 went 3:21 20:17,17 weren't 13:23 we're 7:20 14:3 15:8 16:6,21 17:20,25 19:2,5 21:24 22:7 23:1 We've 20:24 **WHEREOF** 24:12 **WITNESS** 24:12 **woke** 6:5 **WOLF** 7:1 13:20 women 8:8 16:13 work 5:3 10:5 19:24 20:6,7,8,12 21:2,18 worked 15:1 workers 18:7 working 14:3 works 5:18 world 5:17 worry 6:1 15:15 16:6 worse 4:24,24 wrestling 17:25 written 3:25 4:3 22:20 **W-e-b-b** 7:3 \mathbf{X} x-ray 12:22,22

			rage C
		i i	1
\mathbf{Y}	6		
yeah 21:8	6 16:20		
year 6:10 9:17 10:8	6,000 3:13		
10:9	6:30 7:4,6 23:1,3		
years 4:14,25 10:12	60 12:14		
11:20,25 12:3,9	65 12:14 17:11		
16:16 17:25	65-and-older 17:16		
	03-and-older 17.10		
young 17:6	7		
Z	7 2:8		
zillions 5:16	70s 16:19 17:7		
	75 15:22,23		
1			
15 16:16	75-year-old 16:20		
	8		
17 4:1 8:7			
17th 4:6 22:22	8 24:19		
19 2:9	80s 11:10		
1980s 11:7			
1995 16:1	9		
1993 10.1			
2	90s 11:10,18		
2.3 16:18			
2:00 22:3			
20 11:25			
2009 1:17 3:1 24:14			
2010 24:19			
24 7:20 18:4			
26 8:7			
27 17:9			
2 , 1, .,			
3			
-			
3 2:3			
30 3:15 4:20			
30s 12:15			
350 8:12			
38 4:14			
30 4.14			
4			
-			
4 1:17 2:5 3:1			
4:30 4:2,6 22:22			
40 8:6 10:7 15:21			
40s 12:15			
400 8:13			
45 15:23			
48 12:19			
10 12.17			
5			
5:00 3:2			
	- '		