

1 State of Ohio, )  
 ) SS:  
2 County of Cuyahoga. )  
3 - - -  
4 IN THE COURT OF COMMON PLEAS  
5 - - -  
6 Karl J. Yost, et al., )  
 )  
7 Plaintiffs, )  
 )  
8 vs. ) Case No. 449275  
 )  
9 Cleveland Clinic Foundation, )  
 et al., )  
10 )  
 Defendants. )

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13  
14 Deposition of Jack S. Elder, M.D., a witness herein,  
15 called by the defendants for the purpose of cross-  
16 examination, pursuant to the Ohio Rules of Civil  
17 Procedure, taken before Frank P. Versagi, RPR, CLVS,  
18 Notary Public in and for the State of Ohio, at University  
19 Hospital, 11100 Euclid Avenue, Cleveland, Ohio, on Monday,  
20 May 12, 2003, commencing at 12:10 p.m.

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23  
24  
25

1 APPEARANCES:

2 On behalf of the Plaintiffs:

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INDEX

WITNESS:

CROSS

Jack S. Elder, M.D.

by Mr. Parker

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- - -

NO EXHIBITS MARKED

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1 JACK S. ELDER, M.D.

2 of lawful age, being first duly sworn, as hereinafter  
3 certified, was examined and testified as follows:

4 CROSS-EXAMINATION

5 By Mr. Parker:

6 Q Will you state your full name, please?

7 A Jack S. Elder.

8 Q You are a physician, obviously?

9 A Yes.

10 Q Your specialty?

11 A I'm a urologist specializing in pediatric urology.

12 Q Do you hold any Board certifications?

13 A I have Board certification in urology. There is  
14 no -- currently there is no subspecialty  
15 certification in pediatric urology.

16 Q Doctor, I'm Alan Parker. I represent the Cleveland  
17 Clinic Foundation in this case that has been  
18 brought on behalf of Karl Yost.

19 You have had occasion to treat Karl Yost,  
20 as I understand it?

21 A Yes.

22 Q Can you tell me the circumstance in which Mr. Yost  
23 came to you?

24 I'm giving you back your medical records,  
25 feel free to refer to them any time you like.

1     A       I don't recall specifically how they got my name,  
2             but they -- he was having trouble with incontinence  
3             and made an appointment to see me at one of my  
4             offices that I used to go to in Lorain; and the  
5             first time I saw him was on February 18, 1999.

6     Q       What was the pertinent history you obtained at that  
7             time?

8     A       As I understood it, at that time he was 15 years  
9             old, and it was my understanding that in June, 1996  
10            he had undergone surgery on his lower spine for  
11            correction of a tethered spinal cord; and according  
12            to -- as I recall, he was there with his father for  
13            that. I just sort of -- I'm trying to recollect  
14            the who he was with, so I don't recall where -- who  
15            was providing the information.

16            But the history I obtained was that he was  
17            going to the bathroom normally before his surgery  
18            for the tethered spinal cord but since the surgery  
19            he had been unable to have satisfactory bladder  
20            control; and he -- it had been recommended that he  
21            catheterize himself to drain his bladder  
22            intermittently, and he had been given medication to  
23            try to help his bladder store even more urine and  
24            even with that he had been unable to stay dry.

25            In addition, he had had some problems with

1           bacterial infection, urine; and he had also in the  
2           interim I believe been diagnosed with insulin  
3           dependent diabetes mellitus.

4       Q       What was the nature of your examination and  
5           anything that you ordered for him at that time?

6       A       It was -- he was interested in becoming continent  
7           and I -- on physical exam there was the main  
8           pertinent finding was that he had a decubitus ulcer  
9           on his sacrum that was healing and was covered, and  
10          at that time his urine did not show signs of  
11          infection.

12                So we -- and I think he had -- we did an  
13          ultrasound which was showed normal kidneys, and I  
14          believe we did -- we also did -- recommended what  
15          is called video urodynamics, which is the test to  
16          evaluate the bladder capacity to see how much it  
17          stores and under what pressures and to then make  
18          plans for surgical correction.

19       Q       Was the video urodynamic testing performed?

20       A       I think we just the straight urodynamics. I'm not  
21          sure we did the video.

22       Q       What of significance --

23       A       So what it showed, normally a young man who is 15  
24          years old would have a capacity of 450 to 500  
25          milliliters, which is 15 to 16 or 17 ounces; and

1 his capacity was about 310.

2 He did not seem to have good sensation of  
3 his when his bladder was full, and when he -- we  
4 then had him urinate and he was unable to achieve a  
5 very good flow rate. I think -- I believe the  
6 maximum was about 4 milliliters per second.  
7 Normally it should be about 16 to 18; and he at  
8 that time he had a significant residual urine  
9 volume of nearly 200 milliliters.

10 So his capacity was reduced and he cannot  
11 empty his bladder very well and he didn't have very  
12 good sensation in his bladder.

13 Q With a normal patient is there any residual volume?

14 A Normally it should be less than 10 cc's.

15 Q So that was a significant finding?

16 A Yes.

17 Q So it sounds like his capacity was less than  
18 normal, his residual volume was greater than  
19 normal, his flow rate was below normal?

20 A Yes.

21 Q What if any recommendation did you make?

22 A What I recommended was that he -- I told him that I  
23 thought that he would -- that he would need to have  
24 his bladder enlarged, and the way we usually do  
25 that is with a patch of intestine; and there is a

1 figure here which I provided which indicates the  
2 technique that we use, and it is called an  
3 ileocystoplasty.

4 What that means is we take a segment of the  
5 small intestine, which is ileum, and separate it  
6 from the rest of the small intestine, open it up  
7 and then so it becomes a rectangle and then we  
8 fashion it into a patch which can then be put on  
9 top of the bladder to enlarge it.

10 And I did recommend that he have that,  
11 that's the optimal way to enlarge the bladder  
12 capacity and the safest and with the lowest risk of  
13 long term complication.

14 And I also recommended tightening his  
15 bladder neck somewhat to help reduce the chance of  
16 him having ongoing leakage, and I also  
17 recommended -- I told him that he would need to  
18 catheterize himself to empty his bladder in all  
19 probability after this type of surgery.

20 And often in these cases if you have a  
21 normal -- if you have normal sensation in the  
22 penis, often young men and woman would prefer to  
23 have a what is called continent stoma, where we  
24 create a connection, if you will, between the  
25 bladder and the abdominal wall; typically we bring



1           it out through the umbilicus, so that when we --  
2           they need to catheterize themselves to drain the  
3           bladder, we can insert it through -- relatively  
4           painlessly through the umbilicus or somewhere on  
5           the abdominal wall rather than having to insert it  
6           through the penis or in the female urethra; and he  
7           was not interested in having that particular part  
8           of the procedure done and subsequently we went  
9           ahead and performed the ileocystoplasty and  
10          tightened the bladder neck.

11        Q       Does the ileocystoplasty address the issue of  
12               residual volume?

13        A       It does not.

14        Q       Was there anything that was recommended to address  
15               that issue?

16        A       Well, it is -- you can't really -- if anything, the  
17               ileocystoplasty is going to make the residual  
18               volume more, even more, because the -- because the  
19               bladder itself can contract but the ileo patch does  
20               not, you cannot make it generate a contraction; so  
21               the only way you would be able to empty it is by  
22               pushing, straining your abdominal muscles.

23                       And of all of my patients who have had this  
24               done, none are able to empty their bladder  
25               satisfactorily if they have had a spinal cord

1            abnormality, such as spina bifida or a tethered  
2            spinal cord.

3        Q        Ultimately it's my understanding that you did  
4            perform surgery on Karl Yost, is it the surgery  
5            that you have outlined?

6        A        Yes.

7        Q        When was that done?

8        A        It was performed on January 6, 2000.

9        Q        Now, am I correct that when Karl Yost came to you,  
10            you were addressing bladder incontinence?

11      A        Yes.

12      Q        Was he continent of bowel?

13      A        It was my understanding that he was.

14      Q        That's my understanding as well, but I'm trying to  
15            find out --

16      A        Okay.

17      Q        -- whether I'm wrong in that understanding.

18                    Can you characterize the results of the  
19            surgery that you performed?

20      A        When I have seen him in follow-up he has not been  
21            performing regular catheterizations. He has told  
22            me that he is urinating, he seems to by Valsalva's,  
23            by straining; and he is staying relatively dry  
24            during the day.

25                    But he is -- if he is active athletically,

1           playing basketball or other activities, he is -- he  
2           has incontinence; in other words, what we call  
3           stress incontinence; and overnight he was having  
4           trouble staying dry.

5                     When we checked him it turned out that he  
6           was -- he seemed to be emptying his bladder a  
7           little bit better afterwards than before.

8                     The last time I saw him was October 15,  
9           2002. At that time we did an ultrasound of the  
10          kidneys, which showed that the kidneys were normal  
11          in appearance, and the -- we did not catheterize  
12          him to check the residual urine volume but by  
13          ultrasound the residual urine volume was 70  
14          milliliters.

15        Q           So that is an improvement over his preoperative  
16                     condition?

17        A           Yes.

18        Q           Do you have any information as to how frequently he  
19                     is incontinent overnight?

20        A           It's my understanding that he is incontinent most  
21                     of the time. I'm not sure that I specifically  
22                     asked are you incontinent or are you wet every  
23                     single night, but it was my -- it's not just part  
24                     of the time, it seems to be -- it's definitely a  
25                     significant problem.

1     Q       What if anything could be done to address the  
2             problem of overnight incontinence?

3     A       Well, there are several possibilities: One would  
4             be to insert a catheter overnight, so he would  
5             sleep with an indwelling catheter in the bladder;  
6             another possibility would be to make sure he drains  
7             his bladder over -- before he goes to sleep with a  
8             catheter; another would be to set an alarm in the  
9             middle of the night to have him get up and go to  
10            the bathroom or to get up in the middle of the  
11            night to catheterize himself; and then another  
12            possibility would be to use one of those -- either  
13            the second or third option or in addition to using  
14            DDAVP, which is medication which can reduce the  
15            urine output.

16                    He also has diabetes mellitus and I think  
17                    it would be important to try and assess what his  
18                    urine output is overnight when he is in good  
19                    control versus when he is not in such good control;  
20                    because if you're -- with diabetes mellitus there  
21                    is -- if the serum glucose is elevated, then often  
22                    you have polyuria, elevated urine output.

23                    So that if he is emptying his bladder every  
24                    three or four hours during the day, is able to stay  
25                    reasonably dry that way, but he is sleeping for

1           eight or nine hours then it would be unlikely -- it  
2           might not be that likely he's going to be able to  
3           stay dry with a polyuric condition.

4     Q       In other words, the diabetes may be contributing to  
5           an increase urine output --

6     A       Yes.

7     Q       -- for him, making his control all the more  
8           difficult overnight?

9     A       Could be.

10    Q       Have you recommended any of these modalities to  
11           help him control his overnight incontinence?

12    A       We did recommend the DDAVP as an initial treatment  
13           before recommending waking up or trying something  
14           more that's going to alter his lifestyle more, and  
15           I have not seen him since last October and they  
16           haven't communicated with me as to how the DDAVP is  
17           working.

18    Q       Do you know if Mr. Yost is following up with any  
19           other urologist?

20    A       Well, it's my understanding that he has an  
21           appointment to see me in the next few weeks.

22                   MR. BECKER:               Excuse me for  
23           interrupting.

24                   Doctor, did you say you gave him a  
25           prescription for that medication, the DDAVP?

1                   THE WITNESS:           Let me just --  
2           according to my record from October 15th I did give  
3           him a prescription to take it one hour before  
4           bedtime, yes.

5                   MR. BECKER:           Okay. Thank you.

6 By Mr. Parker:

7 Q           What is DDAVP?

8 A           It's called desmopressin acetate and one of the --  
9           it works on the collecting tubules in the kidney,  
10          it's an analog of a hormone called vasopressin; and  
11          normally when you're not drinking fluid your urine  
12          output goes down.

13                 The reason it goes down is because when  
14          you're relatively dehydrated you have an elevated  
15          production of vasopressin by the pituitary gland  
16          that goes to the kidney and works on the collecting  
17          tubules to help pull the water out of the  
18          collecting tubules; in other words, out of the  
19          urine, and bring -- so it brings the water -- it is  
20          to help conserve water in your system rather than  
21          release it as urine.

22                 And DDAVP is what we call an analog to  
23          vasopressin, meaning it is chemically similar and  
24          has similar mode of action and it's one of the --  
25          is one of the common medications used to treat bed

1 wetting in children. We use it in -- we also use  
2 the same medication in individuals with spina  
3 bifida or other spinal cord abnormalities who are  
4 having trouble maintaining overnight bladder  
5 control.

6 And I have not used it in somebody -- to my  
7 recollection in somebody who has diabetes and a  
8 neuropathic bladder and an augmentation  
9 cystoplasty, so I don't have -- but we do have  
10 quite a large experience in using it in children  
11 with bed wetting.

12 Q When you last saw Karl Yost, was he self  
13 catheterizing at all?

14 A Infrequently. It's my understanding he was  
15 catheterizing infrequently.

16 Q Do you have any understanding as to what that  
17 means, infrequently; how frequent?

18 A Maybe I should say inconsistently.

19 Q Did he express to you any concerns or thought about  
20 how his condition was continuing to affect his  
21 lifestyle?

22 A No, but I must say I'm not sure that I asked him a  
23 lot about that.

24 Q Sure.

25 I have copies of many of your treatment

1 records. They are not entirely complete, and I  
2 will address that in the deposition how we want to  
3 address that, but I have your treatment records.  
4 There are a couple of letters written to a  
5 Dr. Sandoval.

6 I do not have any reports authored by you  
7 to Mr. Becker or specifically concerning this  
8 litigation; are there any such reports?

9 A I don't believe I have one.

10 Q You have been identified as a treating physician  
11 and obviously I would expect you to testify to the  
12 course of treatment that you gave to Karl Yost; do  
13 you have any understanding that you would be  
14 expressing standard of care opinions in this case?

15 A I don't believe I'd be expressing any standard of  
16 care.

17 Q Do you in your practice perform spinal debulking or  
18 detethering surgery?

19 A No, I don't.

20 Q Have you had occasion to treat other patients who  
21 have had neurogenic bladder following debulking and  
22 detethering of spinal lipomas?

23 A Yes.

24 Q Can spinal lipomas in and of themselves cause  
25 neurogenic bladder?



1     A       Yes.

2     Q       Do you have an opinion as to Karl Yost's prognosis  
3             urologically?

4     A       Well, there are several aspects to that. I think  
5             that -- I'm not sure that he's going to need any  
6             more surgical treatment. The -- we can address  
7             some of the problems with the ileocystoplasty  
8             first, because there are some potential long term  
9             complications of the ileocystoplasty that he had.

10            First, because we're using part of the  
11            small intestine that produces mucus, and the mucus  
12            can build up in the bladder, and it does predispose  
13            to having infection in the bladder, which would  
14            require antibiotic therapy and has the potential to  
15            result in kidney infection.

16            In addition, the mucus can be a -- what we  
17            call a nidus for stone -- for bladder stone  
18            formation, so -- and it's not -- probably one of  
19            the most common late complications of this type of  
20            surgery is that bladder stones form that need to be  
21            removed with a follow-up operation.

22            The -- there is also the potential that in  
23            individuals with -- who have had this type of  
24            surgery that if the bladder is not emptied  
25            regularly that the bladder can rupture through the

1 site of the ileocystoplasty, and there are people  
2 who have died from that complication because if you  
3 have bacteria in the bladder and your bladder  
4 ruptures, then it provides a direct path for  
5 bacteria to spread throughout the peritoneal cavity  
6 and so there is that potential also.

7 The bladder neck tightening I think will  
8 not -- I think that's -- that's usually pretty  
9 stable as long as no one goes in to try to do a  
10 major cystoscopic procedure with the sling.

11 For example, if he had a bladder stone, it  
12 would probably not be a good idea to go in with a  
13 scope and try to extract it because it could damage  
14 that part of the surgery.

15 The diabetes also plays a role because he  
16 -- I would expect that over time that his bladder  
17 function may be compromised and he will probably be  
18 unable on a -- at some point in the future to empty  
19 his bladder the way he is doing now, so I would  
20 predict at some point in the future he's going to  
21 need a -- start performing intermittent  
22 catheterization.

23 In addition, there are vascular  
24 complications to the kidneys from diabetes, so his  
25 renal function may be impaired.

1     Q       It's my understanding that in debulking and  
2             detethering procedures the lipoma is not completely  
3             and entirely removed and may recur, would that be  
4             expected to play a role in future urologic  
5             function?

6     A       That's unpredictable.

7     Q       You just told me a minute ago diabetes may be  
8             expected to play a role in the future, is that  
9             independent of the neurogenic bladder? In other  
10            words, would he have problems because of his  
11            diabetes or is this -- I don't quite understand the  
12            relationship between the diabetes, the neurogenic  
13            bladder, or whether they're independent?

14    A       Well, when you have -- when you have diabetes, if  
15             you have an infection it's more difficult to get  
16             rid of the infection even with the antibiotics; and  
17             if you need surgical treatment, it may affect your  
18             wound healing for that aspect.

19                 In addition, with the polyuria that can  
20             occur, I think it does present a difficulty in  
21             managing the incontinence particularly at night.  
22             So I don't think that's going to improve on its own  
23             over time.

24                 In other words, over time, the way he is  
25             now if nothing changes in his management, I don't

1 think it's going to be any different in ten years.

2 In terms of the ongoing effect of the  
3 chronic diabetic condition, I think it probably  
4 will have an effect on his bladder function because  
5 diabetes is known to cause what is called an atonic  
6 bladder and -- in a number of individuals, and  
7 certainly he would -- if he already has some  
8 neurologic impairment of his bladder function, I  
9 would think that it is going -- it may make that  
10 more difficult for him to empty his bladder.

11 In addition, his -- it will affect --  
12 chronic diabetic condition has an adverse effect on  
13 renal function also, so that -- I'm sort of  
14 including -- you're asking and I am sort of  
15 responding to your long term urologic prognosis,  
16 which would include renal function, although that  
17 may not be directly related to his neuropathic  
18 bladder, but if he developed recurring infections  
19 of the kidneys, that in addition to the diabetes  
20 would -- could -- would have the potential to cause  
21 significant reduction in renal function.

22 Q I want to go back over some of the potential  
23 problems that may arise in Mr. Yost's future and  
24 see if you can quantify that risk, you may or may  
25 not be able to.

1           One of the risks that you raised was  
2           increased risk of bladder infection, typically from  
3           the small intestine tissue that's utilized; can you  
4           give me some idea of the likelihood of that risk  
5           manifesting itself?

6     A       Probably about 80 to 90 percent.

7     Q       You also indicated there was increased risk of  
8           kidney infection in that same process, what is the  
9           likelihood of that?

10    A       That's a little difficult, that's more difficult to  
11           quantify. I would say over, you know, his  
12           lifetime, probably 30 to 40 percent chance of  
13           having at least one kidney infection.

14    Q       The increased risk of bladder stones, is it  
15           possible to quantify that?

16    A       In some series it's been over 50 percent. I think  
17           most of us -- if individuals are -- one of the ways  
18           we think that we can reduce the likelihood of  
19           getting bladder stones is by catheterizing and  
20           irrigating the mucus out of the bladder regularly.

21           In some -- I try and have many of my  
22           patients do it every day, and even with that some  
23           will develop stones, so in series where -- probably  
24           the highest, again not with life long follow-up,  
25           but with follow-up for five to ten years, over 50

1 percent develop bladder stones.

2 Q The risk of bladder rupture, what is that?

3 A That's a little more difficult to quantify.

4 That's -- in some series it's been as high as 10 to  
5 12 percent.

6 Q Do you know whether or not Karl Yost suffered from  
7 a subclinical level of neurogenic bladder before  
8 his detethering surgery?

9 MR. BECKER: Objection. You may  
10 answer, Doctor.

11 A I'm not -- just by going from his history, he  
12 indicated that he had normal bladder function and  
13 I'm not aware of any urodynamic studies being  
14 performed before the surgical procedure.

15 Q Absent urodynamic studies, is it knowable whether  
16 there was some level of neurogenic bladder before  
17 the surgery?

18 A Well, again, I'm just going from his history, there  
19 is no indication that there was.

20 Q Is neurogenic bladder a known potential  
21 complication of lipoma detethering and debulking  
22 surgery?

23 A Yes.

24 Q Can the complication arise in the absence of  
25 negligence?

1 MR. BECKER: Objection. If you  
2 know.

3 A Well, I don't want to -- I think I'd rather not  
4 answer that.

5 Q That's outside your specialty --

6 A Yes.

7 Q -- and surgical experience, and that's fine.

8 Next question you may have the same answer:  
9 Do you know whether or not intraoperative  
10 monitoring can eliminate the complication of  
11 neurogenic bladder secondary to lipoma detethering?

12 A That's outside my expertise.

13 Q You told me that there is an appointment scheduled  
14 for you with Mr. Yost, has that been set at the  
15 patient's initiative, the lawyer's initiative, or  
16 your office's initiative or do you know?

17 A I think he was just supposed to come for follow-up.  
18 Let's see.

19 When I saw him in October I indicated I  
20 wanted to see him back in six months, so it's my  
21 understanding it was at my initiative.

22 Q It's about time for that --

23 A Yes.

24 Q -- follow-up visit?

25 A Yes. Since he is at school I often -- I do like to

1 keep seeing my patients that I operated on, even  
2 though I specialize in pediatric urology, I still  
3 ask my patients to keep coming back to see me as  
4 long as they're feeling comfortable coming back.

5 If they're in college, then I just tell  
6 them when they're back for Spring break or Summer  
7 break, whenever it's convenient.

8 Q Do you have a date of that follow-up?

9 A It's my understanding it is for May 20th.

10 Q Are there any tests scheduled?

11 A Well, often we will perform a urinalysis and urine  
12 culture in the office. Often we'll perform a --  
13 we'll check a post-operative residual urine volume  
14 by performing an ultrasound.

15 Q Anything else at this point anticipated as a likely  
16 test?

17 A Well, just going back over -- oh, for testing? Not  
18 that I would envision.

19 Q Otherwise you will perform the examination and you  
20 may order additional tests based upon history and  
21 progress of the patient obviously?

22 A Yes.

23 Q I gather from some conversation when I walked in  
24 here that you had retrieved some literature that  
25 does what, explains the procedure that you



1 performed?

2 A That explains the surgical procedure that was  
3 performed several years ago to -- which is the  
4 ileocystoplasty and then the bladder neck sling.

5 Q I gather that you had a copy made available for  
6 plaintiff counsel and a copy made for me?

7 A Yes.

8 Q Is there any purpose to this literature other than  
9 it provides lay people some understanding of the  
10 procedure?

11 MR. BECKER: I asked him to do it so  
12 we can better understand what transpired.

13 MR. PARKER: Okay.

14 Q Did you review anything in preparation for this  
15 deposition?

16 A I looked at Karl's deposition.

17 Q What if anything did you learn of relevance from  
18 his deposition?

19 A I learned a different side of Karl than what I have  
20 seen in the office.

21 Q Tell me what you mean by that.

22 A Well, he is -- to me it is a fairly significant  
23 description of the feelings he is going through  
24 having to live with his incontinence and -- I mean,  
25 from what I recall, he was a school leader when I

1 first saw him, and I -- I don't recall the details  
2 but I remember I was very impressed with that, he  
3 was -- that he was a leader in his high school  
4 class and so forth and my from reading his  
5 deposition it seems like he is -- seems to be  
6 constantly in fear of being incontinent and I had  
7 thought that we had done a pretty good job of  
8 getting him dry, at least during the day, but he  
9 paints a little different perspective, so it was  
10 eye opening to me.

11 Q Did you review anything else? Presumably you took  
12 a look at your office notes?

13 A Yes, I reviewed those.

14 Q Anything else besides Karl deposition and your  
15 office notes?

16 A No.

17 Q Has anything else been requested of you between now  
18 and time of trial, that you review, that you  
19 prepare, et cetera?

20 A I'm not aware of anything.

21 Q When I glanced through your office notes and I  
22 compared them quickly to what I have been provided  
23 it looks like I have most of the major records.  
24 For instance, the updates to Dr. Sandoval and I  
25 think that I have most of the testing, but I did

1 notice some notes I don't have in my copy, so I'm  
2 going to ask, and I'll happy to be discuss how to  
3 best do this, if you would have your record copied  
4 and provided it -- let's go off the record for a  
5 minute.

6 (Discussion had off the record.)

7 MR. PARKER: Back on the record.

8 We've had a discussion off the record with  
9 regard to your medical records. We have agreed  
10 since Karl Yost has an additional appointment  
11 scheduled we're going to wait until after that day,  
12 June 20th, at that point I would like the chart  
13 copied in its entirety and provided to plaintiff's  
14 counsel, who will then forward it onto me.

15 For Mr. Becker's benefit he has advised me  
16 that he anticipates eliciting opinions from you  
17 regarding permanency of Karl Yost's urologic  
18 condition and that based upon history it was  
19 related to the surgical event.

20 Q Let me follow up on that latter one in particular.

21 Tell me what your opinion is with regard to  
22 the cause of Karl Yost's urologic condition that  
23 you treated him for.

24 A It seems like it was most likely related to  
25 something that happened during his cord

1           detethering.

2     Q       What's the basis for that opinion?

3     A       Because preoperatively he had normal bladder  
4           control and following the surgical procedure he had  
5           a -- he was incontinent and had evidence of  
6           neuropathic bladder.

7     Q       Whether or not the something that happened related  
8           to a surgery was a non negligent complication of  
9           surgery or whether it was from a deviation of  
10          standard of care, you have no opinion on, correct?

11    A       That's correct.

12                   MR. PARKER:           I think that's all I  
13           have. Thank you so much.

14                   MR. BECKER:           Thank you, Doctor, for  
15           your time.

16                   THE WITNESS:          Thank you.

17                           (Deposition concluded at 12:57 p.m.)

18                           (Signature not waived.)

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I have read the foregoing transcript from page 1  
through 28 and note the following corrections:

PAGE	LINE	REQUESTED CHANGE
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\_\_\_\_\_  
Jack S. Elder, M.D.

Subscribed and sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_.

1 State of Ohio, )  
 ) SS: CERTIFICATE

2 County of Cuyahoga. )

3 I, Frank P. Versagi, RPR, CLVS, Notary Public  
4 in and for the State of Ohio, duly commissioned and  
5 qualified, do hereby certify that the within named  
6 witness, Jack S. Elder, M.D. was by me first duly sworn to  
7 testify the truth, the whole truth, and nothing but the  
8 truth in the cause aforesaid; that the testimony then  
9 given was reduced by me to stenotypy/computer in  
10 the presence of said witness, afterward transcribed, and  
11 that the foregoing is a true and correct transcript of the  
12 testimony so given as aforesaid.

13 I do further certify that this deposition was  
14 taken at the time and place in the foregoing caption  
15 specified, and was completed without adjournment.

16 I do further certify that I am not a relative,  
17 counsel, or attorney of either party, or otherwise  
18 interested in the event of this action.

19 IN WITNESS WHEREOF, I have hereunto set my hand  
20 and affixed my seal of office at Cleveland, Ohio, on  
21 this 14th day of May, 2003.

22

23

24 \_\_\_\_\_  
Frank P. Versagi, RPR, CLVS,  
Notary Public in and for the State of Ohio.  
25 Commission expiration: 03-08-08.