

1 STATE OF OHIO)
2) SS.
3 COUNTY OF CUYAHOGA)

Doc. 452

4 COURT OF COMMON PLEAS

5 FELICIA ZOBERMAN,)
6 Plaintiff,)
7 vs.) Case No. 120940
8 THE MT. SINAI MEDICAL) Hon. James McMonagle
9 CENTER, et al.,)
10 Defendants.)

12 - - -

12 Deposition of RALPH C. WHALEN, M.D., a
13 Witness herein, called by the Plaintiff as if upon
14 Cross Examination under the Ohio Rules of Civil
15 Procedure, taken before me, the undersigned,
16 Kenneth P. Gallaher, a Notary Public in and for
17 the State of Ohio, taken pursuant to Notice and
18 stipulations of Counsel as hereinafter set forth,
19 at the offices of Jacobson, Maynard, Tuschman &
20 Kalur Co., L.P.A., Four SeaGate, Toledo, Ohio, on
21 Tuesday, January 26, 1988, at 5:15 o'clock p.m.

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by Mr. Mellino 28

- - -

1 APPEARANCES:

2 On behalf of the Plaintiff:

3 CHARLES KAMPINSKI CO., L.P.A.:
4 Christopher M. Mellino

5 On behalf of Defendant Terry A. King, M.D.:

6 JACOBSON, MAYNARD, TUSCHMAN & KALUR
7 CO., L.P.A.:
8 John V. Jackson, II
9 Mitzi G. Cole

10 On behalf of Defendant The Mt. Sinai
11 Medical Center:

12 REMINGER & REMINGER CO., L.P.A.:
13 Gary H. Goldwasser

14 - - -

15 RALPH C. WHALEN, M.D.,
16 a Witness herein, after first being duly sworn as
17 hereinafter certified, was deposed and said as
18 follows:

19 CROSS EXAMINATION

20 BY MR. MELLINO:

21 Q. Would you state your full name, please?

22 A. Ralph Charles Whalen.

23 Q. And what is your business *address*?

24 A. 2121 Hughes Drive.

25 Q. That's Toledo?

26 A. Yes.

1 Q. What's your home address?

2 A. 2525 Olde Brookside Road.

3 Q. That is in Toledo also?

4 a. Yes.

5 Q. Do you have a copy of your CV here?

6 MR. MELLINO: John, do you?

7 MR. JACKSON: I don't have one.

8 A. I didn't bring one. Do I need one?

9 MR. MELLINO: Can you provide us with
10 a copy?

11 MR. JACKSON: Sure, I'll get a copy
12 for you. We'll get one to you.

13 Q. Why don't you just briefly run me through
14 your educational background, starting with what
15 college you attended.

16 A. I attended Bowling Green State University,
17 gat a Bachelor's degree there, Attended the
18 Medical College of Ohio, Toledo, got my M.D.
19 degree there. Did a rotating internship at Akron
20 City Hospital, followed by four years of general
21 surgery training, also there; followed by one year
22 of vascular fellowship, Cleveland Clinic,
23 I'm Boarded in general surgery, American

1 Board of Surgery. Date of that was 1978. And I
2 was Boarded in general vascular surgery by the
3 American Board of Surgery, 1983.

4 MR. JACKSON: Forgive me, I do have a
5 copy. I apologize. I'll make a copy
6 of that before we leave.

7 MR. MELLINO: Okay, that would be
8 fine.

9 Q. Have you testified before, Doctor?

10 A. For anything?

11 Q. Well, let's limit it now to as an expert.

12 A. No.

13 Q. I take it by your previous answer, you have
14 testified in other cases?

15 A. I've given a deposition.

16 Q. Where you were a party to the case?

17 A. Yes.

18 Q. Were you a Defendant or --

19 A. Yes.

20 Q. How many times?

21 A. Once.

22 Q. What was the nature of that case?

23 A. It was related to a carotid endarterectomy.

1 Q. That you performed?

2 A. Yes.

3 Q. Can you tell me what the circumstances
4 were?

5 A. Sure. It related to the patient who had a
6 carotid. endarterectomy, and five days following
7 discharge developed symptoms of neurologic
8 dysfunction., and subsequently was taken to another
9 hospital where she was felt to have problems with
10 the artery that had been operated upon; underwent
11 a second operation and she was suing me because
12 she felt that I had not done an adequate job.

23 Q. Who represented you in that case?

14 A. Jacobson, Maynard, Tuschman and Kalur.

25 Q. What attorney?

16 A, Mr. White,

17 Q. And do you know what the outcome of that
18 case was?

19 A. Yeah, the patient had a seizure and really.
20 didn't need the second operation, and it was
21 dropped.

22 Q. Okay, the suit was dropped?

23 A. Yes.

1 Q. Who **were** you retained by in this **case**?

2 MR. JACKSON: By me.

3 Q. What were you retained tu do?

4 A. Review **some** records and **give** my opinion.

5 Q. Wbat records did you review?

6 A These here. There are some depositions and
2 hospital records and reports here. **That's** all
8 these. This *is* everything I had.

9 Q. Okay. You reviewed the deposition of Mary
10 Lagenza, right?

11 A. Yes, I've reviewed these.

12 Q Dr. Marshall? These are the Mt. Sinai
13 Medical Center records.

14 A. Yes, I glanced through this.

15 Q. Okay, You looked through this whole
16 packet; **It** contains the Lena Slater depo,
12 Dr. King's deposition and --

18 A. Yes:.

19 Q. **What** **is** this, Dr. **Marshall's** report?

20 A, Yes. It's been a while since I've reviewed
21 all of that. I **mean** I haven't reviewed **it** all in
22 the last couple days or anything.

23 Q. You reviewed this for purposes of forming

1 an opinion in this case?

2 A. Yes.

3 Q. Dr. King's office records and the Mt. Sinai
4 records?

5 A Yes.

6 Q. And this is the total of everything you
7 reviewed. in this case?

8 A No, there was some X-rays.

9 MR. JACKSON: Yes, Mt. Sinal X-rays.

10 A. That are here.

11 Q. Okay. I take it then you didn't review the
12 depositions of Nurses Tisdale and Rayburn?

13 A. (Witness indicated negatively.)

14 Q. You have to answer out loud.

15 A. No.

16 Q. And as a result of your review of these
17 records, what opinion did you come to?

18 MR. JACKSON: With regard to what?

19 Q. To the case. I mean you said you were
20 asked to form an opinion as to the case.

21 A. The question that I was asked was to review
22 It to see if I felt that the surgeon had done
23 anything that in my opinion was wrong in the

1 handling of' the case,

2 Q. Okay.

3 A. I mean, that was the bottom line.

4 Q. And by wrong, just so we know what we're
5 talking about, does that **mean** that he, his
6 practice didn't meet the standard of **care** for a
7 surgeon?

8 A. Yeah, right.

9 Q. And do you have an opinion?

10 A. Yes. I don't feel that he did anything
11 that I would characterize as deviating from what
12 would be considered appropriate.

13 Q. Why not?

14 MR. JACKSON: Can anybody answer
15 that, Chris? How can you answer that
16 question? I mean really. How can you
17 answer that question? He says he
18 didn't do; you're saying why didn't he
19 do whxt he didn't do. That doesn't
20 make sense.

22 MR. MELLINO: Well, I'll rephrase the
22 question.

23 Q. I take it in your practice *you* perform,

1 well, you perform carotid endarterectomies?

2 A (Witness indicated affirmatively.).

3 Q. Do you use shunts?

4 A. Yes.

5 Q. When? Do you always use a shunt or just
6 sometimes you use a shunt?

7 A. I would say I do about 100 carotid
8 endarterectomies a year, and in the last ten years
9 I've not used a shunt maybe twice.

10 Q. What are your criteria for using a shunt?

11 A. Let's say what the criteria would be for
12 not using a shunt. I would use it in every
13 instance except if the artery is just absolutely
14 too small to get a shunt in.

15 Q. Do you measure stump pressure before you --

16 A. I do not. I did for a year or two, but I
17 do not anymore.

18 Q. Now you just go and open up and put the
19 shunt in?

20 A. Put the shunt in.

21 Q. You know in this case that Dr. King didn't
22 use a shunt for this procedure?

23 A. Yes.

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1 Q. Since you use a shunt in every instance,
2 why is it that that doesn't deviate from the
3 standard of care?

4 A. Well, I have done carotid endarterectomies,
5 probably near a hundred, without a shunt during my
6 training. And I don't know that a significant
7 number of people had the complication of stroke
8 more than those that where shunted, in that small
9 series.

10 Q. Well, you must think it's important to use
11 a shunt if you do it in 98 percent of your cases?

12 A. Sure.

13 Q. Why is it important to use a shunt?

14 A. I think it affords the maximum cerebral
15 protection during a carotid endarterectomy.

16 Q. But you don't believe that the standard of
17 care requires the use of a shunt?

18 A. No, I don't.

19 Q. Well, why not? I mean why wouldn't you
20 want to afford the maximum cerebral protection to
21 the patient?

22 A. I think that a substantial number of
23 patients can be done without a shunt and be done

1 without complication. I think *it* affords the
2 best, but I think that, I mean what you hope you
3 achieve In a successful operation is to remove the
4 build-up of plaque and have the patient be
5 neurologically intact, And there are many things
6 that can cause problems with that. And If you're
7 in any type of a teaching situation where your
8 clamp time may be longer or something like that
9 especially, **you're** afforded extra time, I think,
10 by having a shunt in.

11 I think It can be done without a shunt, but
12 I think the shunt is a better way to do it.
13 That's why I do it every time.

14 Q. Are you aware of the criteria that Dr. King
15 used for shunting?

26 A. Yes.

12 Q. Do you know why he didn't use a shunt in
18 this case?

19 A. My understanding was that he made an
20 attempt at using a shunt and needed a smaller one
21 and **it** was not available.

22 Q. Do you know the reason it wasn't available?

23 A. My understanding was that apparently they

1 did not have one in the hospital, or in the
2 department, or in stock. There was a long
3 discussion about how they go through purchase
4 orders and what have you, that I didn't delve into
5 very deeply.

6 Q. Do you have an opinion as to whose
responsibility it is to have the shunt in the
8 operating room?

9 A. Yeah, I think there's absolutely no
10 question that the responsibility lies with the
11 hospital.

12 Q. Do you have an opinion as to whether or not
13 Dr. King's criteria for using a shunt and not
14 using a shunt are valid?

15 A. Oh, I think there's data that would easily
16 indicate that that's valid.

17 Q. If the shunt were available, would that
18 change your opinion regarding Dr. King, as far as
19 not using the shunt?

20 MR. JACKSON: Let me understand you;
21 you phrased that whole question, if
22 the shunt were not available in what?

23 MR. MELLINO: No, if the shunt were

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1 available.

2 MR. JACKSON: Okay. And he elected
3 not to?

4 MR. MELLINO And he elected not to
5 use it after measuring the stump
6 pressure.

7 MR. JACKSON: We're talking about in
8 the circumstances of this case?

9 MR. MELLINO: That's right. And I'm
10 asking him to assume that the shunts
11 were there and Dr. King didn't use it,

12 A. But if the shunts were there, he would have
13 used it, because that's why he asked for it.

14 Q. I'm asking you to assume it was there and
15 he didn't use it,

16 MR. JACKSON: I'll object. Let me
17 make sure I understand what you're
18 asking. You're asking him to assume
19 that the shunt was available and Dr.
20 King knew it was there, and in spite
21 of knowing it was there and it was
22 available to him, he did not use the
23 shunt under these circumstances. Is

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1 that what you're asking him?

2 MR. MELLINO: Well, *you*. threw in the
3 word "know," that he knew it was there.

4 MR. JACKSON Well, he **just said** the
5 Doctor asked for it and was told it
6 wasn't --

7 **a.** I mean. if he asked for it -- let's make it
8 real clear -- **if he asked** for it and **is** told it's
9 not there, that he can't have it. Now whether he
10 can't have it because there's one **there** and **they**
11 can't **find** it, **or** if he can't have it because
12 there is one there but **it's** on the floor and
13 contaminated, or If he can't have it because there
14 isn't one in the hospital, or if he can't have **it**
15 because it's the only one there is is in
16 California, makes absolutely no difference. If he
17 can't have it, then it's as good as not ever being
18 anywhere around.

19 **Q.** Okay. Let's go back to the hypothetical.
20 Assume that it is there, **that** he knows **it** is
21 there, that he can use it, but he doesn't use it.
22 Make those assumptions.

23 **A.** All. **right,**

1 Q. Then --

2 MR. JACKSON: In this case?

3 MR. MELLINO: Yes, in this case,

4 Q. Then --

5 A. So you're saying in a hypothetical case
6 that has a stump pressure in the range of 20 --

2 Q. Right.

8 A -- and the shunt is available, should he
9 use a shunt? I think he should, if it's available
10 to him.

11 Q. And would the failure to use that shunt: be
12 negligence?

13 MR. JACKSON: Objection.

14 A. That's -- not necessarily.

15 Q. Why not?

16 A. Because we know that people can be operated
17 on successfully without it. I think it would
18 afford better cerebral protection.

19 Q. Are there any figures on patients that have
20 had a carotid endarterectomy without a shunt where
their stump pressure was measured. beforehand?

22 A. Oh, I'm sure there are.

23 Q. And do you know what the incidence of

1 stroke is in a case where the stump pressure was
2 less than 50?

3 MR. JACKSON: And what?

4 A. Well, let me tell you, there are many
5 schools, okay, of thought. Some people say there
6 have been those, of those people who use stump
7 pressures, there are those who say a stump
8 pressure of 50 is a critical level. There are
9 others who say a stump pressure of 20 or 25 is a
10 critical level. There are others who say in their
11 series of reviewing stump pressures, it really
12 made no difference with respect to the incidence
13 of stroke,

14 All that that stump pressure does is give
15 you some assessment of the collateral circulation
16 of the brain. It gives you some assessment as to
17 the brain's need for perfusion during the course
18 of the carotid endarterectomy. That doesn't
19 necessarily relate in a direct proportion to the
20 incidence of stroke associated with a carotid
21 endarterectomy.

22 If indeed that were the case, then all
23 people who had strokes, you would assume, would be

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1 on the basis of hypoperfusion because the carotid
2 was clamped. I mean even when you use a shunt,
3 you clamp the carotid for a period of time. It's
4 a shorter period of time, but I don't know that
5 most people feel that people who have
6 intraoperative strokes are based mostly on
2 hypoperfusion.

8 Q. You don't believe that the incidence of
9 stroke is any higher with the stump pressure of 20
10 than, say, 80?

11 A. It could be, But it's determined not
12 merely by the stump pressure. It's also
13 determined by how long it takes to do the
14 operation.

15 Q. Well, did it take an inordinate amount of
16 time to do the operation?

17 A. I don't think so. I think most people feel
18 that it takes between 20 and 25 minutes to clamp
19 the carotid, open it, do an endarterectomy, and
20 restore flow to the internal carotid artery.

21 It probably can be done faster, but by
22 doing it faster I think that the areas of
23 technical shortcomings in the completion of the

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1 endarterectomy, it just takes a certain amount of
2 time to adequately remove that buildup of
3 material.

4 Q. Well, how much longer does it take to use a
5 shunt than not to use a shunt?

6 A In the performance of the entire operation?

7 Q. Yes.

8 A I would guess maybe a minute 31 two.
9 Depends on how much longer it takes to plat the
10 shunt in.

11 With the shunt in place, I've had the shunt
12 in place for well over an hour without any
13 untoward effects, and I felt very comfortable with
14 that. By the same token, I would feel very
15 uncomfortable if I had to clamp the carotid artery
16 for over an hour without a shunt in place.

17 Q. Bo you have any opinion regarding whether
18 or not the hospital. personnel, whether they
19 comported with the standard of care required of
20 them?

21 MR. GOLDWASSER: Objection.

22 MR. JACKSON: Objection. Chris, I
23 think he told you that what he was

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1 asked to do and the opinion he's going
2 to render in this case had to do with
3 the standard of care as it related to
4 Dr. King, and that's what he's
5 expressed for you, And that's what
6 he's going to testify to in this case.
7 That's what he was asked to do.
8 MR. MELLINO: Well, then, he can just
9 answer no to the question. if that's
10 the question.
11 MR. JACKSON: Me wasn't asked to
12 render those opinions.
13 MR. MELLINO: I can certainly inquire
14 into whether or not he has an opinion.
15 MR. JACKSON: He's not going to
16 render any opinion in that regard at
17 the trial of this case; I can tell you
18 that.
19 MR. MELLINO: Well, can't he tell me
20 that? He's under oath.
21 MR. JACKSON: I understand that, but
22 what I'm saying to you is you're
23 entitled to inquire into the opinions

1 this man is going to state at the
2 trial of this case on Direct
3 Examination, and the basis for those
4 opinions. As it relates to the
5 hospital personnel, he told you what
6 he was asked to render, what the
7 opinion is, and I'm representing to
8 you right now that the opinions that
9 he will render on Direct Examination
10 relate to the care of Dr. King.

11 Go ahead. Go ahead; I
12 objected, I stated my basis. If you
13 have an opinion in that regard,
14 Doctor, and you want to share it with
15 Mr. Mellino, do so.

16 Go ahead and ask your
17 question.

18 MR. MELLINO: All right. Let me
19 rephrase the question then so we can
20 all be happy.

21 Q. Are you going to offer an opinion at trial
22 in this case on the conduct of the nurses?

23 A. On the conduct of the nurses?

1 Q. Yes, or any of the hospital personnel?

2 A. Well, you've asked me what my feeling is
3 about whose responsibility it is to have the shunt
4 available. I mean that's what you're asking; is
5 that right?

6 Q Well, no. I guess I'm asking \$6: you're
7 going to testify at trial that you think any of
8 the hospital personnel were negligent?

9 A. If E was asked do E think. it's the
10 responsibility of the hospital to have that shunt
11 there, I would say yes. To single out who would
12 be, would be impossible.

13 Q. Okay, all right. And we already covered
14 that, so I guess other than that, do you have any
15 other opinions regarding the hospital personnel?

16 A No.

17 Q. Do you have an opinion, or are you going to
18 offer an opinion at trial, as to what the
19 proximate cause of Felicia Zoberman's injuries
20 are?

21 a. No.

22 Q. Do you have any, or are you going to offer
23 any other opinions besides the ones you've already

1 told me regarding Dr. King's **care**, and possibly
2 the responsibility for the shunt; do you have any
3 opinions besides those that you're going to offer
4 at trial of this matter?

5 A. I mean, not that I know of. I guess I
6 don't understand what you may be getting at.
7 Maybe I'm missing the point here.

8 Q. Well, the point is khat I'm here to find
9 out what you're going to say at trial whenever you.
10 testify next week sometime. And, you know, so I
11 just want to be told what opinions you hold and
12 what opinions you're going to give at the trial.

13 A Okay.

14 MR. JACKSON: I think he's stated
15 those for you.

16 Q. That's fine. **That's** all I want; I want to
11 be sure those are your only opinions as far as Dr.
28 King is concerned.

19 Your opinion, if I may attempt to summarize
20 **It**, is that this procedure can be dane with a
21 shunt or without a shunt within the standard of
22 care, regardless of the stump **pressure**
23 **meas**urement?

2 A. I think it can, yes,

2 MR. MELLINO: Let me take a couple
3 minutes to look over your CV, but I
4 think I'm done,

5 Q. Okay, let me just cover this one area with
6 you again, because I don't think I'm clear on it.
7 Is it your opinion regarding the nonuse of the
8 shunt, is that based on the shunt not being there,
9 or the fact that it's not necessary to use a
10 shunt?

11 A. I don't think it's necessary to use a shunt
12 100 percent of the time. I think that in this
13 particular situation, it may very well have been
14 preferable to use a shunt, but at the, you know,
15 you say can it be done. I think you can
16 realistically anticipate doing this operation and
17 still anticipate a successful outcome without a
18 shunt. I don't think that's preferable, and
19 obviously Dr. King didn't think it was preferable,
20 because he would have preferred to use a shunt.

21 Q. Okay. And I know I asked this question
22 before, but I'm not sure that you answered it, If
23 the shunt was there, should he have used it?

8 A. I think if the shunt was there and
2 available, that it would be best to be used, yes.

3 Q. Well, would it violate the standard of care
4 not to use it?

5 MR. JACKSON: Under the circumstances
6 that it was there and was available
7 and he didn't use *it*?

8 MR. MELLINO: Right.

9 MR. JACKSON: I'm *going* to object to
10 that, Chris, because there aren't any
11 facts in this case that I'm aware of
12 that are going, that have been
13 presented or will be presented, that
14 that's the case. So you're asking him
15 to, you know --

16 MR. MELLINO: To assume those facts.

17 MR. JACKSON: But you're asking him
18 to assume facts that don't exist.
19 It's like saying assume that gravity
20 is nonexistent and what happens.

22 MR. MELLINO: Well, I want his answer
22 in any case.

23 MR. JACKSON: I object, because

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1 percentage?

2 A. I think it gives you just a little edge.
3 Now *it* may only drop it from 2-and-a-half to
4 1-and-a-half, but if *it's* 1 percent out of a
5 hundred and that *person* is your relative, you want
6 it for them.

7 The other thing I tell my patients, going
8 back to your question, *is* that they have to
9 understand that the *risk* of stroke may be only 1
10 or 2 out of 100, but if you're that one, it's 100
11 percent for you. You don't get 1 percent of a
12 *stroke, it's a full-blown stroke.*

13 Q. Do you think that the unavailability of
14 equipment in the operating room increases the *risk*
15 of stroke?

16 A. Oh, I think it can.

17 MR. MELLINO: I have no other
18 questions.

19 MR. GOLDWASSER: No questions.

20 MR. JACKSON: Thank you.

21 MR. GOLDWASSER: Can we waive
22 signature?

23 MR. JACKSON: Do you have any problem

1 nothing but the truth in the cause aforesaid; that
2 the testimony then given by him was by me reduced
3 to stenotype in the presence of said witness,
4 afterwards transcribed upon a word processor, and
5 that the foregoing is a true and accurate
6 transcription of the testimony so given by him as
7 aforesaid.

8 I do further certify that this deposition
9 was taken at the time and place in the foregoing
10 caption specified and was completed without
11 adjournment.

12 I do further certify that I am not a
13 relative, counsel, or attorney of any party or
14 otherwise interested in the event of this action,

15 IN WITNESS WHEREOF, I have hereunto set my
16 hand and affixed my seal, of office at Toledo,
17 Ohio, on this 28th day of January, 1988.

18
19 

20 KENNETH P. GALLAHER

21 Notary Public

22 in and for the State of Ohio

23 My Commission expires January 10, 1992.

- - -

CURRICULUM VITAE

NAME: Ralph C. Whalen, M.D.

RESIDENCE ADDRESS: 2525 Olde Brookside Drive
Toledo, Ohio 43615

SOCIAL SECURITY NUMBER: 271-40-4006

I.D. NUMBER: 34-1251394

PHONE: Home: (419) 536-1202
Office: (419) 471-2003

DATE OF BIRTH: June 20, 1947
Toledo, Ohio

MARITAL STATUS: Married - Wife: Peggy L.

CHILDREN: 2

EDUCATION: Undergraduate
Bowling Green State University
Bowling Green, Ohio
1965-1969
B.S. Degree, Biology

Medical School
Medical College of Ohio at Toledo
Toledo, Ohio
1969-1972
M.D.

Internship
Akron City Hospital
Akron, Ohio
1972-1973
Rotating Internship

Residency, Surgical
Akron City Hospital
Akron, Ohio
1973-1977
Chief of Surgery: C.W. Loughry, M.D.

FELLOWSHIP: Fellowship in Peripheral Vascular Surgery
Cleveland Clinic Foundation
Cleveland, Ohio
1977-1978
Chief of Vascular Surgery: Edwin G. Beven, M.D.

BOARD:

Specialty - Surgery

1978

Certificate Number: 23964

Specialty - General Vascular Surgery

December 18, 1983

Certificate Number: 383

DEGREES AND HONORS:

B.S., Bowling Green State University

M.D., Medical College of Ohio at Toledo

Diplomate, National Board of Medical
Examiners (135394)

Chief Resident - Surgery 1976-1977

Diplomate, American Board of Surgery,
1978, (23964)

LICENSURE:

Ohio - 35931 (1973)

Michigan - 49504 (1985)

POSITIONS HELD:

Assistant Director: Peripheral Vascular
Laboratory, The Toledo Hospital,
Toledo, Ohio

Assistant Director: **Conrad** Jobst
Memorial Research **Vascular** Laboratory,
Toledo Hospital
Toledo, Ohio

Assistant Director: TVI Laboratories
Toledo, Ohio

Assistant Professor: Medical College of
Ohio at Toledo
Toledo, Ohio

MEMBERSHIPS:

Academy of Medicine, Toledo & Lucas County

Ohio **State** Medical Association

Peripheral Vascular Surgical Society

American College of Surgeons (1981)
Fellowship

Society of Clinical Vascular Surgery
Toledo Surgical Society

MEMBERSHIPS: (Cont.)

International Society for Cardiovascular
Surgery

Midwestern **Vascular** Society

HOSPITAL STAFF

The Toledo Hospital, Toledo, Ohio

APPOINTMENTS:

St. Luke's Hospital, Maumee, Ohio,

Medical College of Ohio at Toledo,
Toledo, Ohio (Courtesy Staff)

Flower Hospital, Sylvania, Ohio
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MEDICAL SYMPOSIA:

Dosick, S.M., Program Co-Director, Whalen, R.C.: Participant: Cardiology and Peripheral Vascular Disease for the Family Physician, The Toledo Hospital. May 20, 1978.

Dosick, S.M., Program Director, Whalen, R.C.: Participant: Peripheral Vascular Workshop for Nurses, The Toledo Hospital, April 27, 1979.

Dosick, S.M., Program Co-Director, Whalen, R.C., Participant: Cardiology and Peripheral Vascular Disease for the Family Physician, The Toledo Hospital, May 12, 1979.

Dosick, S.M., Program Director, Whalen, R.C., Participant: Peripheral Vascular Workshop for Nurses, The Toledo Hospital, March 6, 1980.

Dosick, S.M., Program Co-Director, Whalen, R.C., Participant: Cardiology and Peripheral Vascular Disease for the Family Physician, The Toledo Hospital, May 3, 1980.

Dosick, S.M., Program Director, Whalen, R.C., Participant: Peripheral Vascular Workshop for Nurses, Hotel Sofitel, Toledo, Ohio, April 23 and 24, 1986.