

THE STATE of OHIO, :  
 : SS:  
 COUNTY of CUYAHOGA.:

-----  
 IN THE COURT OF COMMON PLEAS  
 -----

Dol. 404

KAITLIN STEVENS, et al., :  
 plaintiffs, :  
 vs. : Case No. 221097.  
 :  
 HURIKADALE SUNDARESH, M.D., :  
 et al., defendants. :

-----  
 Deposition of RAJA SHEKAR, M.D., a witness  
 herein, called by the plaintiffs for the purpose of  
 cross-examination pursuant to the Ohio Rules of Civil  
 Procedure, taken before Frank P. Versagi, a Registered  
 Professional Reporter, a Certified Legal Video  
 Specialist, a Notary Public within and for the State  
 of Ohio, at Saint Luke's Medical Building,  
 11201 Shaker Boulevard, Cleveland, Ohio, on Wednesday,  
 the 24th day of June, 1992, commencing at 2:07 p.m.,  
 pursuant to notice.



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Cross-examination by Mr. Mellino

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Cross-examination by Mr. Parker

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DR. \_ SHEKAR \_ DEPOSITION \_ EXHIBITS:MARKED

1 - copy of EKG

11

2 - copy of ERG

11

3 - Mu. Mellino's copy of EKG as drawn on

by Dr. Shekar

33

4 - CV of Raja Shekar, M.D.

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1                                    ~~RAJA~~-SHEKAR, M.D.

2            of lawful age, a witness herein, called by the  
3            plaintiffs for the purpose of cross-examination  
4            pursuant to the Ohio Rules of Civil Procedure, being  
5            first duly sworn, as hereinafter certified, was  
6            examined and testified as follows:

7                                    - - - - -

8                                    ~~CROSS-EXAMINATION~~

9            BY MR. MELLINO:

10          Q.        Would you state your full name, please, Doctor?

11          A.        My name is Raja Shekar. I have change the name,  
12          as you can see from the copy of my CV.

13                                    My old name was Rajashekarajah.

14          Q.        You changed your name to Raja Shekar?

15          A.        Right.

16          Q.        Sou were born in India?

17          A.        That's right.

18          Q.        And you received all your schooling in India?

19          A.        Medical, up to medical college, right.

20          Q.        Up through?

21          A.        Medical college, right.

22          Q.        Why don't you just, if you could, tell me how  
23          college and medical school works in India? What  
24          training you received over there?

25          A.        You -- at the time I did finish high school, and

1        then you will have two years of University, following  
2        that you will have -- you will join the medical  
3        school, and from medical school you graduated in  
4        roughly five years.

5                    You do a rotating internship, then you  
6        will graduate.

7        Q.       Did you do a rotating internship?

8        A.       That's correct.

9        Q        From '68 to '69?

10       A        That's correct.

11       Q.       I take it then that was not in any particular  
12       specialty?

13       A,       No.

14       Q        Did you do any specialty internship in India?

15       A.       I did. I was an instructor, lecturer in  
16       pathology in the medical school, and afterwards I did  
17       do, I join the postgraduate school in All India  
18       Institute in Delhi.

19                    I did six months of neurosurgery, then  
20       six months of medicine, and then I join M.D., and I  
21       came here. M.D. means that's postgraduate degree.

22       Q.       Then you came to the United States?

23       A.       That's correct.

24       Q        Why did you come to the United States?

25       A.       To -- I thought I would get better education,

a and go -- my plan was to go back, then my plans  
2 change.

3 Q. What did you have to do to come from India to  
4 the United States?

5 A. I was to pass the ECFMG and then apply for  
6 various position.

7 Q. Did you have to obtain a position before you  
8 left India?

9 A. I believe so, yes.

10 Q. Was that the position at the Bronx-Lebanon  
11 Bospital?

12 A. Yes.

13 Q. And you did an internship there for one year in  
14 internal medicine?

15 A. That's correct,

16 Q. Then did you a three year residency in internal  
17 medicine at Beth-Israel Medical Center?

18 A. Two years, Total one year in straight medicine  
19 internship, plus two years of residency at  
20 Beth-Israel, would be three then,

21 Q. Your CV, it says -- do you have a copy? Do you  
22 have the CV with you?

23 It says '71 to '74 at Beth-Israel.

24 A. No. '72 to '74. This was '71 to '72, means it  
25 was actually from July to July. There was -- that's

2  
1 incorrect. '72 to '74.

2 Q. Then you did a Fellowship in infectious disease  
3 from '74 to '76 at the Cook County Hospital in  
4 Chicago?

5 A. That's right.

6 Q And you are Boarded in Internal Medicine and  
7 Infectious Disease?

8 A. Correct.

9 Q. I take it that these are all the internships and  
10 residencies that you have undergone as part of your  
11 training --

12 A. Yes.

13 Q -- that are listed on your CV?

14 You've never done any residency or  
15 internship in the specialty of cardiology?

16 A. That's correct.

17 Q. Or pediatric cardiology?

18 A. That's correct.

19 Q. Says you're an assistant clinical professor of  
20 medicine at Case Western Reserve University from '84  
21 to the present time; is that correct?

22 A. That's right.

23 Q. Who did you teach?

24 A. Residents and medical students,

25 Q. Do you teach classes at Case?



1 A. No. I teach clinical medicine for students who  
2 rotate at Saint Luke's Hospital,

3 Q. How often do you do that?

4 A. Whenever there is rotation. For example, when I  
5 take over, two months a year, possibly; and then  
6 whenever I do consultation with the students around  
7 there, I teach them.

8 Q. Did you look at the CV before the deposition?

9 A. No.

10 Q. Let me hand it to you, then ask you if it is  
11 up-to-date.

12 Is it up-to-date as far as the medical  
13 societies that you belong to?

14 A. Chicago Medical Society, I used to belong to,  
15 not anymore; and 'chat is correct, that is correct,

16 I just -- after January I am past  
17 president; and Illinois, I am not anymore, I used to  
18 be there. I am member of medical association.

19 As far as hospitals are concerned?

20 Q. Yes,

21 A. I am at Saint Luke's, and Meridia, and  
22 Hillcrest, and Marymount, and of course Women's  
23 Hospital is not there anymore.

24 That Cook County Hospital, when I was  
25 there in Illinois.

1 Q. Could I have that back?

2 Have you authored any articles or  
3 publications that relate to the field of cardiology or  
4 pediatric cardiology?

5 A. Field of cardiology, I will say endocarditis I  
6 have done some work, That is infection in the heart.

7 Q. Is that one article or more than one article?

8 A. More than one article.

9 Q. Does that relate more to infectious disease than  
10 cardiology?

11 A. That's correct.

12 Q. I'm not sure, did I ask you about Board  
13 certification already?

14 MR. SEIBEL: No.

15 Q. You are Boarded in Internal Medicine and  
16 Infectious Disease?

17 A. That's correct.

18 Those are the only specialties that you are  
19 Boarded in?

20 MR. SEIBEL: You did ask him  
21 that before.

22 A. Yes.

23 Q. I see. Did you pass both those exams the first  
24 time you took them?

25 A. That's correct.

1 Q. Do you have any records in your possession for a  
2 patient named Kaitlin Stevens?

3 A. No. I -- after I got letter from you, I asked  
4 my lawyer to provide me with the record. We send me a  
5 copy of the EKG. I don't have any records myself.

6 Q. Do you have a copy of that EKG?

7 A. It is inside. Do you want me to bring it?

8 Q. Why don't you. It might make it easier.

9 A. Yes,

10 - - - - -

11 (Interruption in proceedings.)

12 (Dr. Shekar Deposition Exhibits 1 and 2  
13 marked for identification.)

14 - - - - -

15 ~~BY MR. MELLINO:~~

16 Q. Doctor, you brought three pieces of paper out of  
17 your office, what I had marked is two of the three  
18 sheets of paper, what was --

19 MR. SEIBEL: You don't have to  
20 answer.

21 Q. -- the third one?

22 MR. SEIBEL: I am instructing  
23 the Doctor not to answer.

24 We just told you he does not have a  
25 chart for this patient. When you attempted to

1 subpoena him or subpoena him for this deposition, at  
2 his request I supplied him with a copy of the EKG,  
3 which bears his signature; beyond that, you are not  
4 entitled to any further information about the  
5 documents, the three documents that he brought out  
6 into this room for this deposition. You have been  
7 given part of what I sent the doctor, and the rest of  
8 it you're not entitled to, it's attorney/client  
9 privilege and he doesn't have to answer your question.

10 MR. MELLINO: Well, we don't  
11 know if it's privileged unless we can get it  
12 identified on the record.

13 MR. SEIBEL: I guess we don't.

14 MR. MELLINO: That's the point.

15 ~~BY-MR.-MELLINO:-~~

16 Q. You did bring three sheets of paper out into the  
17 deposition; did you not?

18 MR. SEIBEL: You can answer  
19 that.

20 A. Yes.

21 MR. MELLINO: And you are not  
22 going to let him answer what the -- just what it was?  
23 I mean, if it was a letter or --

24 MR. SEIBEL: No. It's  
25 privileged attorney/client communications.

1 Q Would you identify for the record Exhibits 1  
2 and 2?

3 a. These are the copies of the EKG that I received  
4 from my attorney.

5 Q. Is it two copies of the same EKG?

6 A. That's right-

7 Q Is that your signature on the EKG?

8 A. That's correct.

9 Q. Did you read the EKG?

10 A. Yes.

11 Q. How is it that you read the EKG?

12 A. It was read by the computer as poor data.

13 Q. As what?

14 A. Poor data, information may be adversely  
15 affected.

16 Q. Let me interrupt you for a minute because my  
17 question was poorly phrased.

18 In July of 1990 you apparently had  
19 some relationship with Booth Hospital that you were  
20 reading EKG's that were done for outpatients at that  
21 hospital?

22 A. Outpatient as well as inpatient, yes.

23 Q. What was the nature of the relationship?

24 a. I was in charge of the department of medicine  
25 and I was reading EKG on a contract basis with the

1 Booth Hospital.

2 Q. Was the contract with you yourself,  
3 individually?

4 A. I believe so, yes.

5 Q. Were you practicing with a group at that time?

6 A. No. I have a corporation, but I was practicing  
7 by myself.

8 Q You have a copy of that contract?

9 A. I don't. At this time I don't know.

10 Q. You don't know where it is?

11 A. No.

12 Q. Who was the contract with, you and who was the  
13 other party?

14 A. The hospital.

15 Q. Booth Memorial Hospital?

16 A. Right,

17 Q. I'm sorry. What was your position at the  
18 hospital?

19 A. I was the -- I think the chief of medicine  
20 department there.

21 Q. Was there a cardiology department at Booth?

22 A. No.

23 Q. Were there any cardiologists on staff at Booth?

24 A. No, not that I know of.

25 Q. Pardon me?

1 A. No, there was no cardiology department as such,  
2 was department of medicine.

3 Q. Did your corporation have any employees besides  
4 yourself?

5 A. No. I mean, secretaries I have.

6 Q. You were the only physician?

7 A. Physician, correct.

8 Q. You were the only shareholder of the  
9 corporation?

10 a. That's right.

11 Q. What was the name of the corporation?

12 A. Shekar Internal Medicine, Inc.

13 Q. Is that corporation still in existence?

14 A. Correct, Yes.

15 Q. And you still practice under that, in that  
16 corporation?

17 A. Right.

18 Q. Are you still the only employee?

19 A. That's correct?

20 Q. Physician employee?

21 You started in private practice in  
22 when, '76?

23 A. No. I was on the faculty of Cook County  
24 Hospital, University Illinois in '76. I was doing  
25 some consultation work there, but my practice I

1 started when I came here in 1982.

2 Q. Where did you work? Where did you start working  
3 in '82?

4 A. Shaker Hospital. I think it is called  
5 Shaker Hospital, which was in existence, that is where  
6 I came.

7 Q. Where was that?

8 A. It is on Shaker Boulevard, just close to  
9 Saint Luke's.

10 Q. Does this hospital still exist?

11 A. No, it does not exist,

12 Q. Were you practicing under your corporation then  
13 in '82?

14 A. No, had -- I started as a sole practitioner,  
15 then I got incorporated at a later date. I don't know  
16 when exactly.

17 Q. Have you always practiced as a sole  
18 practitioner?

19 A. That's correct.

20 Q. When did you incorporate?

21 A. I don't remember. Sometime maybe a year or two  
22 after I came here.

23 Q. Were you affiliated with any other hospitals  
24 besides Shaker Hospital in '82?

25 A. Yes, I was. Saint Luke's, that was affiliated



1 with at the time; and I do believe I was affiliated  
2 with Booth in '82.

3 Q. Were you affiliated with Booth from '82 until it  
4 went out of business?

5 A. That's right.

6 Q. When did you start reading EKG's for Booth?

7 A. I don't recall exactly, maybe about '86 or '87.

8 Q. Was the contract; a yearly contract? What was  
9 the period of time that --

10 A. Yes, yearly contract, then goes over.

11 Q. When was the last year it was renewed?

12 A. I believe it was renewed until it close, then  
13 before that they gave me a notice saying they are  
14 going to terminate the contract.

15 Q. You don't have copies of any of these contracts?

16 A. No, I don't keep them with me. They may be  
17 somewhere, but. when hospital close, I put them away.

18 Q. You put them away?

19 A. I have to give to my secretaries to put them  
20 away.

21 Q. You haven't destroyed them?

22 A. No, I have not destroyed them, I don't believe.

23 MR. SEIBEL: In all fairness,  
24 you don't know what your secretaries did with them, do  
25 you?

1 THE WITNESS: No. I have not  
2 instructed them to destroy them or anything, I  
3 presume they would be around.

4 Q. Do you know who was reading the EKG's at Booth  
5 before you?

6 A. Dr. Krall was reading them before,

7 Q. Doctor who?

8 A. K-r-a-l-l, Krall.

9 Q. What is his specialty?

10 A. He was a cardiologist.

11 Q. Why did he stop reading them?

12 A. I really don't know.

13 Q. Do you know why it was that you started reading  
14 them?

15 A. Yes, it was in the administration, asked me  
16 whether or not I can do that. I say yes, I would be  
17 willing to do that. I used to go regular basis there  
18 to do consultation work for internal medicine and  
19 infectious disease. I used to be around. It was not  
20 much of a problem for me to go there because I used to  
21 go there, and they want me to read because I was  
22 available easy, that was --

23 Q. Who specifically from Booth asked you to do  
24 this?

25 A. The administrator. Also the chief of medicine

1 at that time for oncology, Stanley Post..

2 Q. What was the administrator's name?

3 A. I don't remember his name.

4 Q. What experience did you have reading EKG's?

5 a. I was an internist, I used to read the EKG with  
6 my patients, and read -- during my training I had read  
7 EKG's.

8 Q. During what?

9 a. During my training in internal medicine I did  
10 read EKG's.

11 Q. Prior to '86 or '87, prior to whatever time you  
12 started reading the EKG's at Booth, had you done this  
13 at any other hospital?

14 A No.

15 MR. SEIBEL: You mean when you  
16 say "Done this," you mean been under contract like  
17 this?

18 MR. MELLINO: No, I didn't mean  
19 that.

20 MR. SEIBEL: You mean reading  
21 EKG's.

22 A. Reading my EKG's, I used to read EKG's when I  
23 admitted my patients or in my office, for example.  
24 And say I admitted a patient to hospital, I would read  
25 the EKG of those patients; but not in an official way,

1       this fashion,

2       Q       Once you entered into this contract with Booth,  
3       were you responsible for reading all the EKG's that  
4       were done at Booth?

5       A.       **That's** correct. Right.

6       Q       When you read your own patients' EKG's, were you  
7       assisted by either reading or consulting with a  
8       cardiologist?

4       9       A,       No. It was read, but not -- I mean consult, if  
10       I need anything future for the EKG. In particular I  
11       didn't need a consultation,

12       Q       But was the ERG read by a cardiologist first?

13       A       Not necessarily first, no. It depend on when it  
14       was done. Like for example, I can do an EKG on the  
15       floor when I admitted a patient and I would interpret  
16       the EKG before the cardiologist read it.

17       Q       Before the cardiologist read it; is that what  
18       you said?

19       A.       Yes. In the emergency situation, yes,

20       Q       But a cardiologist would --

21       A.       Interpret, yes.

22       Q.       But the EKG's that were done while you were  
23       under contract at Booth to read the EKG's, those EKG's  
24       would not have been read and interpreted by  
25       cardiologists?

1 A. That's correct..

2 MR. SEIBEL: Well, one second.

3 Do you know for a fact that none of  
4 the EKG's that you read were likewise interpreted by a  
5 cardiologist?

6 THE WITNESS: There was no  
7 provision for a cardiologist to read my EKG's  
8 afterwards on a regular basis.

9 MR. SEIBEL: That's not to say  
10 the EKG's were not eventually read by a cardiologist  
11 for some reason?

12 THE WITNESS: Right, That is  
13 not the interpretation.

14 ~~BY MR. MELLINO:~~

15 Q. There was no cardiologist that had a contract  
16 with Booth to read the same EKG's that you were  
17 reading, was there?

18 A. Not to my knowledge.

19 Q. What was the purpose of your reading the EKG's?

20 A. My purpose was to -- many a time patient used to  
21 go to a surgery, to detect any acute changes in  
22 rhythmia or any electrolyte imbalances that might be  
23 there, and also to make sure there was no unusual  
24 abnormalities that might be detrimental to the health  
25 of the patients, particularly those that were going

1 for surgery.

2 Q. What information did you have about the patient  
3 prior to reading the EKG's?

4 A. Any patient or this patient in particular?

5 Q. No. Any patient?

6 A. I would have the information that **was** on the  
7 sheet mostly, which would be age of the patient, sex  
8 of the patient, and any other clinical indication that  
9 might be given for ordering the EKG, which is not  
10 always --

11 Q. ~~How~~ would you know the patient was going to  
12 surgery or not?

13 A. That would be indicated, because surgery, that  
14 would be done, There would be a list of every patient  
15 who were supposed to go to surgery or indication who  
16 was to go for surgery.

17 **a.** That would be written on the EKG or would it be  
18 a separate --

19 A. Right.

20 Q. -- record?

21 A. Not on the EKG, necessarily, but somewhere there  
22 would be indication that surgery for patient.

23 Q. Where would the indication have been?

24 A. On sometimes maybe on the EKG itself, or  
25 sometimes just a slip of paper.

1 Q. Well, would there be a slip of paper that would  
2 have been separate from the EKG?

3 A. That's right. It could be, yes.

4 Q. Is there a difference in interpretation between  
5 an ERG prescribed for an adult and for a child?

6 A. Yes, it would be.

7 Q. What information did you have about why the EKG  
8 was being ordered for Kaitlin Stevens?

9 A. I don't recall now.

10 Q. Well, if it had been done to rule out a  
11 condition, would that have been information that you  
12 would have been provided with?

13 MRS. CWRULAS: Objection.

14 Q. You can answer.

15 A. Can you repeat the question again?

16 Q. Sure.

17 If the EKG were being ordered to rule  
18 out a condition, would that have been information you  
19 would have been given?

20 MRS. CWRULAS: Objection.

21 a. I believe so. I mean, it would have been given  
22 by the technicians if it was indicated, or there would  
23 be a slip that is attached, meaning sometimes it might  
24 be there.

25 Q. Wow were you paid for reading the EKG's?

1       A,       I was paid on a monthly basis, not for  
2       individual EKG's. A monthly certain sum.

3       Q.       You were paid a certain sum monthly for reading  
4       all the EKG's that were done that month at Booth?

5       A,       That's right,

6       Q       Regardless of the number of EKG's that were  
7       done?

8       A.       That's correct?

9       Q.       And you were paid by Booth?

10      A.       That's right.

11      Q.       So you would have been an employee of Booth for  
12      the purpose of reading these EKG's?

13                   MR. PARKER:               Objection.

14                   MR. SEIBEL:               Don't answer that,  
15      Doctor, Really, that is a legal conclusion question,  
16      Chris, whether you establish it's a contract, whether  
17      it's an employee ok employer relationship,  
18      contractor/contractee relationship, I don't think is  
19      something that the Doctor is going to answer,

20                   MR. MELLINQ:             I don't think  
21      whether he considered himself an employee is really a  
22      legal question or not.

23                   MR. SEIBEL:               Be is not going to  
24      answer it.

25                   MR. MELLINO:             It might have



1 legal implications, but that doesn't make it a legal  
2 question.

3 MR. SEIBEL: We is not going to  
4 answer.

5 MR. MELLINO: Okay.

6 ~~BY MR. MELLINO:~~

7 Q. Early-on you were going to tell me about how the  
8 EKG is actually read and I cut you off.

9 Could you go ahead and tell me now how  
10 EKG's are actually read.

11 MR. SEIBEL: Do you want this  
12 one or in general?

13 MR. MELLINO: In general.

14 a. In general? Okay.

15 I would go in the morning and I will  
16 go through the records and I will go through  
17 individual records and read the EKG's.

18 If there's a computer printout like  
19 this, I would look through and if I agree with that  
20 interpretation, I will sign it. If I -- I didn't, I  
21 would scratch the part that was not correct or which I  
22 thought was; if need be, I would add one or two lines.

23 Q. You said in your answer that if there were  
24 computer readouts that you would do these things, were  
25 there some that didn't have computer readouts?

5  
1 A. Then I would say that what my interpretation  
2 was, I would say that it is normal EKG, ok it is sinus  
3 rhythm or any rhythm abnormality.

4 I will say if there was any clots, I  
5 can say if any hypertrophy, I will refer to that. If  
6 there were any acute changes, I would refer to them.

7 Q. Why would some have a computer reading and some  
8 wouldn't?

9 A. It depend on the machine. What machine they had  
10 at that time.

11 Q. You mean -- I don't understand your answer.

12 A. Certain time period in when I was reading there  
13 were machines that would interpret them, sophisticated  
14 machine; other times there were machine that didn't  
15 have this interpretation.

16 Q Is this a machine they got while you were --

17 A. During.

18 Q. -- while you were doing it?

19 A. Yes.

20 Q. So before a certain time period you would have  
21 read all of them yourself; after they got this  
22 machine, they make the computer read them first?

23 A. Correct.

24 Q. Do you know when they got the machine?

25 A. No.

1 Q. Apparently they had the machine by July of 1990?

2 A. Right.

3 Q. So the readings that are on the Exhibits 1  
4 and 2, starting with poor data quality and all those  
5 findings, they would have been done by the computer?

6 A. That's right,

7 Q. Are there additional findings on this EKG that  
8 the computer didn't list?

9 A. No, I wouldn't say so.

10 Q. So you're satisfied that the computer has listed  
11 all the abnormalities that are present on this EKG?

12 A. That's right.

13 Q. When your attorney sent you the copy of the EKG,  
14 did you review it again?

15 A. Yes,

16 Q. To determine the accuracy?

17 A. Right.

18 Q. Of those findings?

19 A. Yes.

20 Q. When was that; do you recall?

21 A. I don't remember.

22 Q. Sometime after you received the subpoena for  
23 your deposition?

24 A. Right.

25 Q Do you know who programmed the computer that

1 read the printout, these findings?

2 A. I don't.

3 Q. Do you know if there was a separate program for  
4 pediatric EKG's and for adult EKG's?

5 A. Right. That, I knew.

6 Q. There was a separate program?

7 A. I believe so,

8 Q. Who would have been responsible for making sure  
9 that the EKG was interrupted under the correct  
16 program?

11 MR. PARKER: Objection.

12 Q. You can answer,

13 A. I mean, you will have to repeat it again.

14 Again, the technician would be  
15 responsible for switching that, pediatric or adult,  
16 that's right, for computer interpretation.

17 Q. The technician would be the one to determine  
18 under which program the EKG would be reviewed under?

19 A. As far as computer is concerned.

20 Q. How would you know when you go over to read  
21 these whether or not it was reviewed under the  
22 pediatric or adult program, or would you know?

23 A. No. I mean, I don't remember now how I would  
24 have known, whether that would be a separate print or  
25 not.

1                   To me this didn't matter too much, as  
2                   far as I agreed with this interpretation, really,  
3                   whether it is for pediatric or adult. I mean, even  
4                   for pediatric this is abnormal,

5           Q.       I'm not sure whether or not you answered whether  
6                   or not you would know under which program it was run.

7           A.       I don't know how I would have known.

8           Q        Either way, if this was run under an adult  
9                   program or pediatric program, this is still an  
10                  abnormal EKG?

11          A.       That's correct,

12          Q.       Would this EKG put a doctor on notice if there  
13                   were -- or that follow-up needed to be done with the  
14                   patient on the abnormal findings?

15                               MRS. CARULAS:           Objection.

16          A.       Do you want me to answer?

17          Q.       Yes, unless your attorney instructs you not to  
18                   answer, you can answer.

19                               THE WITNESS:           Do you want me to  
20                   answer?

21                               MR. SEIBEL:           Let me bear the  
22                   question again.

23                               - - - - -  
24                               (Question read.)  
25                               - . . " - - -

1 MR. SEIBEL: Go ahead.

2 A. Really, I don't know, I am not a pediatrician.

3 I would say this is abnormal EKG. As  
4 far as how and what should be done, is up to the  
5 physician.

6 Q. When you read these EKG's, did you ever make  
7 recommendations to the clinicians?

8 A. Yes, I did make recommendations to clinicians.

9 Q. Would you have done that on your reports, would  
10 this have been verbal, or how would it have been done?

11 A. I would make occasionally on the report, but  
12 most of the time I would report, particularly people  
13 who are supposed to go for surgery, if I felt they  
14 shouldn't go or something serious, that's how I would  
15 do it, call the physician and say we should cancel  
16 surgery, for example.

17 Q. Do you know Dr. Sundaresh?

18 A. Yes, I do.

19 Q. Did you know him in July of '90?

20 A. Yes, I did.

21 Q. How long have you known him?

22 A. 20, 30 years. 30 years.

23 Q. How is it that you know him?

24 A. He is from same medical school as I am from. We  
25 have known since then,

1 Q Did you talk to him about the EKG?

2 A. No. No, I did not talk to him about the EMG.

3 Q Did you know that this was his patient?

4 A. No. I do now. At that time when I read the  
5 EKG, probably I may not have known who filled out the  
6 top. I just interpreted this.

7 Q. Well, it has Dr. Sundaresh's name on it?

8 A. Right. I mean, what I am trying to say, I may  
9 not look into the who referred all the time.

10 Q. You say you might not have looked at it?

11 A. I might have looked at it, too.

12 Q. But it was on there?

13 A. Yes.

14 Q. Sundaresh's name is on the EKG?

15 A. Right.

16 Q. So if you had noticed that, you would have known  
17 it was his patient?

18 A. Right. Definitely.

19 Q. Did you ever have occasion to make  
20 recommendation to Dr. Sundaresh about -- let me start  
21 over.

22 Did you ever have occasion to make  
23 wecommendations to Dr. Sundaresh about his patients  
24 after you had interpreted EKG's done on his patients?

25 A. I don't recall, I don't recall.

1 Q. You don't recall one way or the other?

2 A. Right.

3 Q. What is an abnormal superior factor?

4 A. Abnormal superior factor?

5 Q. Yes.

6 A I don't know.

7 Q. You don't know what that is?

8 A. NO.

9 Q. Do you know what a left anterior herniblock is?

10 A. Yes, I know that,

11 Q. What is that?

12 A. It is situation, the conduction of the impulse  
13 from the atrium to the ventricle travels through an  
E4 abnormal path because of the blockage from one of the  
15 conduction fascicles, and it would show a left axis  
16 deviation.

17 Q. What's a left axis deviation?

18 A. That is a QRS complex having an axis bending to  
19 the left.

20 Q. Is there a left axis deviation on that EKG?

21 A. In this ERG?

22 Q. Yes.

23 A. Yes, there is.

24 Q. How can you tell that?

25 A. I can tell that by the QRS complex in



1 the III, aVF inferior. No. Wait,

2 Q. Do you mind if I just look over your shoulder?

3 A. I'm sorry. Let me go over this thing again,

4 I cannot see it very well on -- from  
5 this. I can say that in the aVF, the major portion is  
6 below the horizontal line, which means in the vector  
7 is pointing up.

8 Q. What I would like to do is on my copy of  
9 the EKG, if you would circle that part where you are  
10 talking about?

11 a. In the aVF the vector -- I mean the QRS complex,  
12 majority of it is below the horizontal line.

13 Q. Just put your initials there by that circle.

14 MR. MELLINO: Would you mark  
15 that as 3.

16 - - - - -

17 (Dr. Shekar Deposition Exhibit 3  
18 marked for identification.)

19

20 Q. This is Dr. Shekar Exhibit 3, this is my copy of  
21 the EKG which you circled, the part of the strip that  
22 shows left axis deviation, correct?

23 You have to answer out loud.

24 A. Yes.

25 Q. On your copy, on Exhibit 1, where it says P-R-T

1 axes, 54 250; do you see that?

2 A. Yes.

3 Q. The 250 is circled?

4 A. Right.

5 Q. Who circled that?

6 A. I don't recall, I don't remember.

7 Q. Did you circle it?

8 A. No. I don't remember.

9 Q. Was it circled when you got it?

10 A. I don't remember.

11 MR. SEIBEL: You mean on the  
12 original, Chris?

13 MR. MELLINO: Pardon me?

14 MR. SEIBEL: You mean on the  
15 original? All he's ever gotten was the copy,  
16 currently.

17 MR. MELLINO: Yes, you're right.

18 Q. Did you circle it on the original?

19 A. I don't recall. I don't believe so, that I  
20 would have.

21 Q. On the copy it's already circled, right?

22 A. Right. This copy is circled. On here it is not  
23 circled.

24 Q. What is the significance of the 2-50?

25 A. That is the R wave axis, 250, 250 is it directs

1       it -- the angle on the projection in the anterior --  
2       what should I say? Now should I say?

3                       It is the projection of the QRS  
4       complex in the vector.

5                       You want me to circle it and show you?

6       Q.       I thought I saw a diagram on this. It would be  
7       on these two, this is Exhibit 2?

8       A\*       Yes. I just made that up to --

9       Q.       You drew this diagram on 2?

10      a.       Yes,

11      Q.       First of all, does the 250 have anything to do  
12      with left axis deviation?

13      A.       No. It would be right axis.

14      Q.       What does the 250 mean? Does that diagram help  
15      explain what the 250 means?

16      A,       Yes. That diagram help explain what 250 means,  
17      yes.

18      Q.       Why don't you explain to me what it means.

19      A.       We project the EKG QRS axes on horizontal and  
20      vertical planes, and this is the I, and this is aVF;  
21      and this is an aVF.

22                       If it is positive, it will be  
23      projected in this fashion; if it is negative, it would  
24      be projection higher up; and if it is 250, this is 90,  
25      this is zero, this will be 180, 270, and 250 axis

1 would be somewhere here.

2 Q. All right, What does that mean?

3 A. I am sorry.

4 Q. Is that a right axis?

5 A. I'm sorry. Yes. This is right axis deviation.

6 Q. So this ERG has both right axis and left axis  
7 deviation?

8 A. According to this. Then if you project with  
9 the -- almost project the whole thing again -- let me  
10 try and do this other than being -- so in I, it is  
11 minus, so it would be in here; and in aVF also it is  
12 minus, which would be here.

13 Q. Yes?

14 A. So a left axis deviation is the one wherein  
15 the -- it should be above the horizontal axis, okay;  
16 and right axis is the one wherein it will be right of  
17 this and in here, this will actually project to  
18 somewhere here.

19 Q. So zero is actually right here where you had 1?

20 A. Right. And I meant 180, but this is 90, this  
21 would be 180.

22 Q. Yes,

23 A. So 250 would be here.

24 Q. That's a left axis deviation?

25 A. It is indicated neither left or right axis here,

1       When you actually do -- at this time when you actually  
2       ask that, just look into this rather than at the  
3       Lead I. So the -- if you have to go with both, you  
4       have to take into account both of them. If you do it,  
5       would project to so-called indeterminate. It could be  
6       extreme left or extreme right, the way you interpret  
7       it.

8       Q.       Which one is it?

9       A.       You can take your pick.

10      Q.       So it's either extreme right or it's extreme  
11      left, take your pick?

12      A.       Yes.

13                      MR. SEIBEL::                      Based upon  
14      this EKG.

15      Q.       What's the significance of this finding in terms  
16      of the patient's clinical status?

17      A.       No. The QRS complex is projecting in a very  
18      abnormal direction.

19      Q.       What's the clinical significance of the  
20      abnormality?

21      A.       This could be brought on by ventricular  
22      hypertrophy, which it is there already.

23      Q.       Could it also be caused by a complete AV canal  
24      defect?

25      A.       It could be, yes.

1 Q When you were explaining this to me before you  
2 said this one below the line would be positive, and  
3 the ones going this way would be negative?

4 A. Yes.

5 Q. So would the 250 be expressed as a negative?

6 A. No. It is -- will be -- no, it will be  
7 expressed up to AV. I mean, up to here as negative.  
8 This quadrant would be negative, and this would be  
9 positive.

10 Q. It's positive all the way over to 270?

11 A. Right,

12 Q. You've never heard this quadrant as being  
13 negative?

14 A. No.

15 Q I'm sorry. I forgot your answer when I asked  
16 you about that being caused by a complete AV canal  
17 defect, what did you say?

18 A. It might be.

19 Q. The finding of either an extreme right or left  
20 axis deviation is not one of the abnormalities as  
21 mentioned by the computer, is it?

22 A. Right. That's right. And I am interpreted that  
23 at that time as them being part of the ventricular  
24 hypertrophy, itself.

25 Q. Well, should one of the findings be either

1 extreme right or left axis deviation?

2 MRS. CARULAS: Objection.

3 A. It could be, yes; but as I said, I might have  
4 interpreted it at that time as this being part of the  
5 ventricular hypertrophy, which indeed gave us right  
6 axis deviation,

7 Q. Well, does right ventricular hypertrophy give  
8 you left axis deviation?

9 A. No. I said that -- that incorrectly on my part,  
10 to say it was left axis deviation. I said just based  
11 on -- on aVF, I said rather than taking into account  
12 the whole EKG.

13 Q. You confused me.

14 Are you saying this **EMG** does not have  
15 left axis deviation?

16 A. This EKG I said has an indeterminate axis, and  
17 this would be more compatible, especially in view of  
18 the right ventricular hypertrophy, as extreme right  
19 axis deviation. That part that I said was incorrect.  
20 I mean only by looking at aVF, because it did go in a  
21 negative way.

22 MR. SEIBEL: Doctor, in all  
23 fairness to you, he asked you before whether there are  
24 indications on this **EKG** of a left axis deviation, and  
25 I believe you identified there are in the aVF Lead,

1 but in the context --

2 A, Right. You're looking at that, is not just left  
3 axis deviation, it is indeterminate as plotted out  
4 now.

5 Q. Just answer my question so there is no confusion  
6 on the record.

7 Is there left axis deviation. on this  
8 EKG strip?

9 MR. SEIBEL: As a whole or  
10 specifically?

11 A. The aVF I would say indicated in negative  
12 vector, That, I would say.

13 Q. Which means what?

14 A, Which means that it would be above the  
15 horizontal line, the axis would be above the  
16 horizontal. line.

17 Q. Is that left axis deviation?

18 A. It could be extreme left or extreme right, I  
19 said.

20 Q. Okay.

21 A. I don't mean to be resistant. I just went over  
22 that in simplistic way first, rather than looking into  
23 the Lead I, also.

24 Q. I just want to make sure that I understand what  
25 your testimony is.



1                   Are you telling me that this EKG can  
2           be interpreted as either having extreme right axis or  
3           extreme left axis deviation, either one?

4           A.     Right.

5           Q     It's depends on how you interpret it?

6           A     Rights

7           Q.     But it definitely has one or the other?

8           A.     Right. Yes, It is not a normal EKG.

9           Q.     It either has an extreme right axis deviation or  
10          an extreme left axis deviation on it?

11          A.     Right.

12          Q     You're saying that's correct?

13          A.     It could be, but as I said, in this context I  
14          would say it would indicate right, extreme right axis  
15          deviation.

16          Q.     Your interpretation of this is right axis  
17          deviation more so than left axis deviation?

18          A.     That's correct.

19          Q.     And if you were interpreting this EKG today,  
20          would you include the additional finding of extreme  
21          right axis deviation as one of the findings?

22          A.     I don't know that for sure. I interpreted this  
23          as compatible with right ventricular hypertrophy.

24          Q.     The finding of right ventricular hypertrophy  
25          that is on the EKG strip you felt would alert a

1        pediatrician who was looking at this to the fact that  
2        there was right axis deviation?

3        A.        Right.

4                        MRS. CARULAS:                Objection.

5        Q.        Let me ask you to assume that this EKG strip  
6        shows left axis deviation instead of right axis  
7        deviation, should the finding of left axis deviation  
8        have been included in the abnormal finding?

9                        MR. SEIBEL:                Are you asking him  
10        to assume something that he doesn't believe is there?  
11        I think that's unfair to the Doctor. He is not going  
12        to answer that.

13                        MR. MELLINO:                Wait a minute. He  
14        said this could be interpreted either way, either  
15        right axis deviation or left axis deviation.

16                        MR. SEIBEL:                That's not what he  
17        said. He said in context of the EKG. He said -- he  
18        identified some portion of it.

19                        MR. MELLINO:                Well, the record  
20        is going to be very clear. Let's continue asking the  
21        questions,

22                        MR. SEIBEL:                Move on to another  
23        question. Ne is not going to answer your  
24        hypothetical.

25                        MR. MELLINO~                That's fine. Get

1       that on the record because we'll go the to court and  
2       get sanctions because that's grossly improper.

3       ~~BY-MR.-MELLINO-~~

4       Q.       All right. I want you to assume that somebody  
5       would read this strip and interpret the finding that  
6       we have talked about, the P-R-T axes 250 as being  
7       left axis deviation as opposed to right axis  
8       deviation, if you assume that, should the finding of  
9       left axis deviation have been included as a specific  
10      finding on the EKG strip?

11                   MR. SEIBEL::                You don't have to  
12      answer that. He's instructed not to answer.

13      Q.       Did you anticipate that this EKG would be read  
14      by a cardiologist after you read it?

15      A.       No.

16      Q.       Are you familiar with any cardiology text?

17      A.       I have Adult Cardiology, not pediatric, Adult.

18      Q.       You've read --

19      A.       I have Adult Cardiology. Internal Medicine and  
20      Adult Cardiology.

21      Q.       What text have you read?

22      A.       I just say. And I have read Hertz & Brownwald,  
23      not all of it, parts of it.

24      Q.       What's the name of that text?

25      A.       Brownwald Textbook of Cardiology.

1 Q. And you have not read any pediatric cardiology  
2 text?

3 A. No.

4 Q. Do you know what text are considered  
5 authoritative in the field of pediatric cardiology?

6 a. No, I don't.

7 Q. Have you read any articles or any other  
8 publication in the field of either cardiology or  
9 pediatric cardiology?

10 A. Cardiology, yes, not pediatric cardiology.

11 Q. What articles have you read?

12 A. I don't remember all the articles that I have  
13 read.

14 Q. But this would have just been in adult  
15 cardiology?

16 A. That's correct.

17 Q. When you were reading these EKG's, interpreting  
18 the EKG's, did you refer to a textbook to assist you  
19 in reading them?

20 A. Yeah, I had an ERG book, not a text book, an EKG  
21 book. Medic and Chung's reference, sort of used to  
22 read that.

23 Q. What was the name of that?

24 A. C-h-u-n-g. Medic, C-h-u-n-g.

25 Q. Those are the authors of the book?

1 A. Yes.

2 Q. What is the name of the book?

3 A. I don't know the names.

4 Q. I take it you have never practiced in the field  
5 of pediatrics?

6 A. That's correct.

7 Q. You've never treated children?

8 A. No. Other than -- no.

9 That's right. Other than as a  
10 consultant in infectious disease occasionally I see  
11 children, but no,

12 Q. Do you treat patients with Down's Syndrome in  
13 your practice?

14 A. No.

15 Q. Do you know how to diagnosis an AV canal defect?

16 A. NO.

17 Q. Do you know what the signs of an AV canal defect  
18 are on an EKG?

19 A. EKG -- I had read them before. Now I don't  
20 recall all the details of them. When I was  
21 interpreting, I had looked into those.

22 Q. As we sit here today at this deposition you  
23 can't tell me what the --

24 A. Correct.

25 Q. -- findings are on an EKG that will be

1 diagnostic of AV canal defect?

2 A. 'That's right.

3 Q. Would you agree that the finding of severe axis  
4 deviation on EKG means that unless the patient has  
5 surgery, that he or she will die or become a pulmonary  
6 cripple?

7 MR. SEIBEL: Objection,

8 MRS. CARULAS: Objection.

9 A. I don't know.

10 THE WITNESS: Oh, am I not to  
11 answer?

12 MR. SEIBEL: Let's hear it  
13 again.

14 - - - - -

15 (Question read.)

16 - - - - -

17 MR. SEIBEL: Do you want to ask  
18 it again?

19 MR. MELLINO: Sure.

20 Q. Do you agree that the finding of severe  
21 left axis deviation on EKG means that if the patient  
22 doesn't have surgery that he or she will die or become  
23 a pulmonary cripple?

24 A. I don't know.

25 MRS. CARULAS: Objection.

1 MR. PARKER: Objection.

2 Q I think on Exhibit, 2 there is this diagram  
3 that's in --

4 A, No, this is something that I scratch.

5 Q. Don't mark on those.

6 A. This one I don't know. This also is okay.

7 Do you want to me --

8 Q. I just want to ask you some questions about this  
9 one.

10 You did that, you drew that diagram?

11 A. Yes,

12 Q. When did you do that?

13 A. I was just doing just now.

14 Q. Before the deposition?

15 A. Right.

16 Q. Why were you doing that?

17 A. I was just going through and trying to project  
18 this and I was trying to write the --

19 Q. Trying to project what?

20 A. The axis.

21 Q. The 2503

22 A. Yes.

23 Q. And you projected it into the lower right  
24 quadrant of that diagram -- lower left quadrant, I  
25 mean?

1 A. Yes.

2 Q I'm looking at it upside down,

3 MR. SEIBEL: You were right.

4 A. It is upper right.

5 Q. Pardon me?

6 Where you have it drawn --

7 A. Wait. I don't think I was right. I was drawing  
8 that way. Right. So it is --

9 Q. It's in the Lower left where you have it drawn;  
10 is that right, the lower left?

11 A. I mean I was just playing with that.

12 Q. I understand that. I just want to know where  
13 this is, the line that you projected, the 250 is in  
14 the lower Left quadrant, correct?

15 You have to answer yes or no?

16 A. Yes.

17 MR. MELLINO: Thanks, Doctor. I  
18 don't have any other questions for you,

19 MRS. CAKULAS: On behalf of  
20 Drs. Sundaresh and Mortimer I'd Like to reserve our  
21 right to call this witness in the future.

22 MR. PARKER: Doctor, my name is  
23 Alan Parker. I represent Booth Hospital, now Metro,  
24 and I just have a few.

25 - - - - -



## CROSS-EXAMINATION

~~BY MR. PARKER.~~

Q. I take it that EKG tracings have to be interpreted, they are not self-explanatory, but a physician has to review them and interpret them; is that correct?

A. That's correct.

Q And in the interpretation of EKG tracings, am I correct that medical judgment and experience plays a role?

A. That's right.

Q. Does the hospital exercise control over your medical judgment and your interpretation of these EKG's findings?

MR. MELLINO: Objection.

MR. SEIBEL: You can go ahead and answer.

A. Hospital has no control over how I interpret things.

MR. PARKER: I think that's all I have. Thank you.

MR. SEIBEL: The Doctor is going to review his transcript if it is ordered and before it becomes an official part of the record. We're not waiving signature.

1                   Also, can we have this just marked and  
2                   attached to the deposition so that everyone gets a  
3                   copy of the CV?

4                   MR. MELLINO:                Sure.

5                   You want 28 days to read it.

6                   MR. SEIBEL:                Yes.

7  
8  
9                   - - - - -

10  
11  
12                  (Deposition concluded; signature not waived.)

13  
14  
15                  - - - - -

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I have read th foregoing transcript  
and the same is true and accurate,

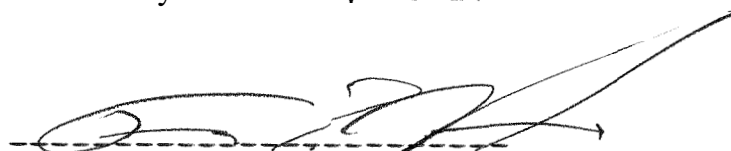
-----  
RAJA SHEKAR, M.D.

1 The State of Ohio, :

2 County of Cuyahoga.:

CERTIFICATE:

3 I, Frank P. Versagi, Registered Professional  
4 Reporter, a Certified Legal Video Specialist, Notary  
5 Public within and for the State of Ohio, do hereby  
6 certify that the within named witness,  
7 ~~RATA-SHEKAR~~, M.D., was by me first duly sworn to  
8 testify the truth in the cause aforesaid; that the  
9 testimony then given was reduced by me to stenotypy in  
10 the presence of said witness, subsequently transcribed  
11 onto a computer under my direction, and that the  
12 foregoing is a true and correct transcript of the  
13 testimony so given as aforesaid, I do further certify  
14 that this deposition was taken at the time and place  
15 as specified in the foregoing caption, and that I am  
16 not a relative, counsel, or attorney of either party,  
17 or otherwise interested in the outcome of this action.  
18 IN WITNESS WHEREOF, I have hereunto set my hand and  
19 affixed my seal of office at Cleveland, Ohio, this  
20 26th day of June, 1992.

21   
22

23 Frank P. Versagi, Registered Professional Reporter,  
24 a Certified Legal Video Specialist, Notary  
25 Public/State of Ohio. Commission expiration: 2-25-93

# ERRATA-SHEET

PAGE

LINE

5 - change → changed. Typo 11  
 7 - change → changed Typo. 2  
 7 - add - do. Typo  
 18 - 16 - say → said Typo 16  
 18 - chief of Medicine → chief of staff - Typo 25  
 19 - oncology → gynecologist - Typo 1  
 19 with → of Typo 5  
 21 rhythmia → arrhythmia Typo 22  
 26 - clots → blocks - Typo. 4  
 37 ventricular → right ventricular 21  
 43 Brownwald → Brunwald. → Typo 22  
 44 - Merv → Merritt. - 21, 24.  
 46 - That is right → That may be so. 2

I have read the foregoing transcript  
 and the same is true and accurate.

*Raja Shekar*

RAJA SHEKAR, M.D.

7/25/90  
Jan 11 AM

Name: *15munch* STEVENS, KATHARINE 012 565-8  
Age: *15munch* Wt: Med: 012565-8  
Sex: Race: Loc: Room: Vent. rate 115 BPM  
PR interval 132 ms  
QRS duration 84 ms  
QT/QTc 292/403 ms  
P-R-T axes 54 250 74

25mm/s  
5mm/mV  
40Hz

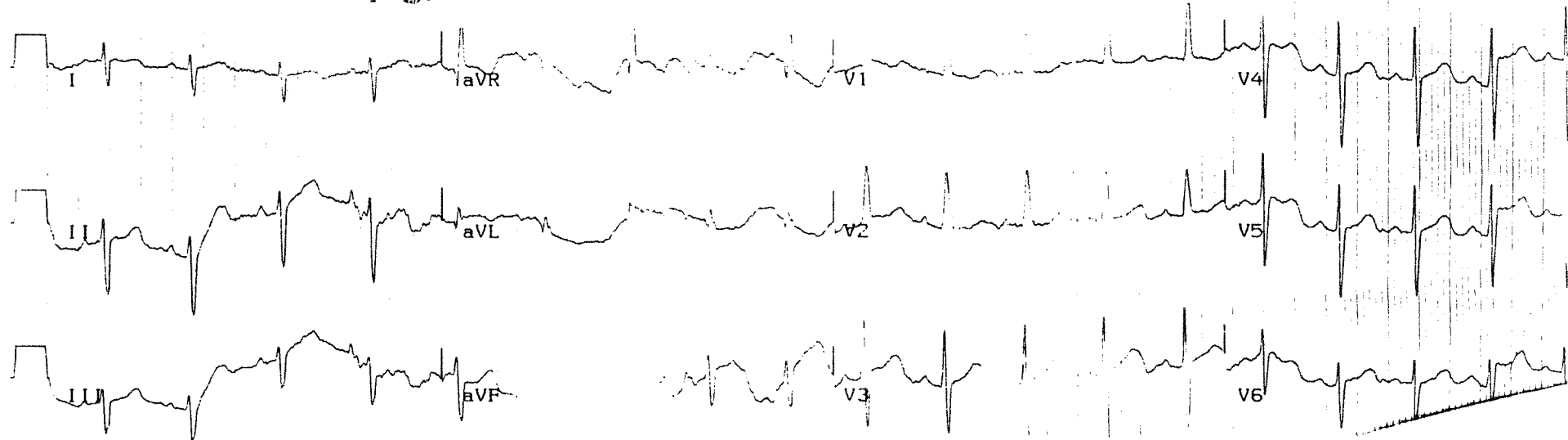
Pgm 105C /104

Reviewed by:

Referred by: *Saunders*

08:28 BOOTH MEMORIAL HOSPITAL  
\*\*\* POOR DATA QUALITY. INTERPRETATION MAY BE ADVERSELY AFFECTED  
SINUS TACHYCARDIA  
PULMONARY DISEASE PATTERN  
RIGHT VENTRICULAR HYPERTROPHY  
ST ELEVATION PROBABLY DUE  
NONSPECIFIC ST ABNORMALITIES  
ABNORMAL ECG

*Na*



DEPOSITION  
EXHIBIT

6-24-92  
DR. S. KARL

December 1, 1991

Raja Shekar, M.D.  
(K.R. Rajashekaraiah, M.D.)

Birthdate: June 1, 1944

**EDUCATION**

First Grade College, Tumkur.  
India Pre- Medicine, 1960-1961

Government Medical College  
Mysore, India Medicine 1962-1969

Government Medical College  
Mysore, India Internship 1968-  
1969

J. J. M. Medical College  
Devangere, India Lecturer in  
Pathology, 1969

All India Institute of Medical  
Science New Delhi, India House  
Officer, 1970

Bronx-Lebanon Hospital Bronx, New  
York Internship (Medicine) 1971-  
1972

Both-Isreal Medical Center, New  
York Residency (Medicine) 1971-  
1974

Cook County Hospital Chicago,  
Illinois Fellowship, Infectious  
Diseases 1974-1976

**BOARD CERTIFICATION**

SPECIALTY: American Board of  
Internal Medicine,  
June, 1974

SUBSPECIALTY: Infectious  
Diseases  
October 1976

**UNIVERSITY APPOINTMENTS**

University of Illinois Assistant  
Professor of Medicine 1977-1982

Assistant Clinical Professor of  
Medicine  
Case Western Reserve University  
1984-Present

**DEPOSITION  
EXHIBIT**

6-24-92  
DR. Shekar 4

CURREENT POSITION HELD

Faculty Member Department Of  
Medicine Division of Medicine

**Meridia Huron Hospital**

Chairman, Infectious Control  
Committee Meridia Huron Hospital,  
Cleveland

Chief, Department of Medicine  
MetroHealth Women's Hospital,  
Cleveland

Chairman, Quality Assurance  
Committee MetroHealth Women's  
Hospital, Cleveland

Chairman, Infection Control  
Committee MetroHealth Women's  
Hospital, Cleveland

Chairman, Infection Control St.  
Alexis Hospital, Cleveland

MEDICAL SOCIETIES

Member of the Governing Board of  
American Association of Physican  
from India

American Society of Microbiology

~~Chicago Medical Society~~

President . *W*  
Association of Indian Physicians  
of Northern Ohio

Illinois Medical Society

American Medical Association

HOSPITAL AFFILIATIONS

OHIO

1. MetroHealth Saint Luke's  
Cleveland, Ohio 1982-Present
2. Meridia Huron Hospital  
Cleveland, Ohio
3. St. Alexis Hospital  
Cleveland, Ohio
4. Meridia Hillcrest Hospital  
Mayfield, Ohio



5. Marymount Cleveland  
Cleveland, Ohio
6. Meridia Suburban Hospital  
Cleveland, Ohio
7. ~~MetroHealth Women's~~  
Hospital Cleveland, Ohio

PREVIOUS HOSPITAL AFFILIATION

ILLINOIS

1. Cook County Hospital  
Chicago, Illinois 1976-1982
2. Grant Hospital  
Chicago, Illinois 1978-1982
3. Good Samaritan Hospital  
Downers  
Grove, Illinois 1978-1982
4. Edward Hospital Naperville,  
Illinois 1978-1982

DISTINCTIONS AND AWARDS

1. Gold Medalist in Physiology - University of Mysore, India  
1964
2. Golden Apple Award for Best Teacher of the Year - Grant  
Hospital, Chicago - 1979-1980
3. Best Teacher of the Year - St. Luke's Hospital Cleveland  
1986
4. Quality Assurance Award for Infection Control Committee  
Meridia Huron Hospital - 1989, 1990-1991

## PUBLICATIONS

1. K.R. Rajashekaraiah, Thomas Rice, VS Rao, Dayle Marsh, B Ramakrishna, Charles Kallick. Clinical significance of tolerant strains of Staphylococcus aureus in patients with endocarditis. Annals of Internal Medicine. 1980;93:796-801
2. VK Dhawan, KR Rajashekaraiah, K.R., Thomas W Rice, WI Metger, Charles A Kallick. Spontaneous bacterial peritonitis due to a Group II k-2 strain. Journal of Clinical Microbiology. 1980;11:492-495
3. NR Cooperman, M. Kasium, KR Rajashekaraiah,. Clinical significance of amniotic fluid, amniotic membrane and endometrial biopsy cultures at the time of cesarean section. American Journal of Obst. & Gynecology 1980;137:536-542
4. VS Rao, KR Rajashekaraiah, Thomas W. Rice, Muhammad Riaz, William Towne Charles A Kallick. Primary meningococcal pericarditis, Southern Medical Journal. 1980;73:1276-1278
5. KR Rajashekaraiah, Vinod K Shawan, Thomas W Rice, D McCulley, Charles A Kallick. **Increasing evidence** of Pseudomonas endocarditis among parental drug abusers. Drug and Alcohol Dependence. 1980;6:227-230
6. KRP Rao, J Shah, KR Rajashekaraiah, AR Patel, DB Miskew, PS Fennewald. Edwardsiella tarda osteomyelitis in a patient with S-C hemoglobinopathy Southern Medical Journal. 1981;74:288-292
7. K. Salgia, L Bhatia, KR Rajashekaraiah, M Zanagan, S Hariharan, Charles Kallick. Coccidioidomycosis of the uterus. Southern Medical Journal. 1982;75:614-616
8. Jean Jacques, W, KR Rajashekaraiah, JJ Farmer, FW Hickman, JG Morrie, Charles A Kallick. Vibrio Metschnikovii bacteremia in a patient with cholecystitis. Journal of Clinical Microbiology. 1981;14:711-712
9. KR Rajashekaraiah, Thomas W Rice, Charles A Kallick. Recovery of Pseudomonas aeruginosa from syringes of drug addicts with endocarditis Journal of Infectious Diseases, 1981;144:482
10. RL Muldoon, J Raucci, J Kowalski, KR Rajashekaraiah. An outbreak of Mycoplasma pneumoniae respiratory illness in a semiclosed religious commune. 1982;11:613-615
11. Raja Shekar, Thomas W. Rice, Charles H. Zierdt, Charles A. Kallick. Outbreak of endocarditis caused by Pseudomonas aeruginosa serotype 011 among pentazocine and tripeleminamine abusers in Chicago. Journal of Infectious Diseases. 1985;151:203-208

## ABSTRACTS AND PRESENTATIONS

1. Bacteriology of Sub acute and Chronic Inflammatory Disease.  
K. Rajashekaraiah, K. Jafari, R. Stepto, J. Norsen, K. Menda, C. Kallick. Presented at the 15th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, D.C., September, 1975.
2. Microbiology of Soft Tissue Abscesses.  
M. Husain, K. Rajashekaraiah, K. Menda, J. Norsen, C. Kallick. Presented at the 15th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, D.C., September, 1975.
3. Resistance of Some Strains of Staphylococcus aureus to the Bactericidal Action of Nafcillin.  
Presented at the 77th Annual Meeting of the American Society of Microbiology, New Orleans, Louisiana, May 13, 1977.
4. Final Diagnosis in Febrile Heroin Addicts with Presumptive Endocarditis  
V.S. Rao, K. R. Rajashekaraiah, B. Ramakrishna, C.A. Kallick. Presented at the 17th Interscience Conference on Antimicrobial Agents and Chemotherapy, New York, New York, October, 1977.
5. Less Favorable Pronosis of Patients with Endocarditis due to Tolerant Strains OF Staphylococcus aureus.  
Presented at the Interscience Conference on Antimicrobial Agents and Chemotherapy, Atlanta, Georgia, October, 1978.
6. Bacteriocidal Activity of Anti-Staphylococcal Antibiotics against Tolerant Strains of Staphylococcus aureus.  
T.W. Rice, K.R. Rajashekaraiah, R.L. Davis and C.A. Kallick. American Society of Microbiology, Los Angeles, California, May, 1979.
7. Serological Diagnosis of Pseudomonas Endocarditis.  
T.W. Rice, K.R. Rajashekaraiah, C. Kallick, R. Davis. American Society of Microbiology, Dallas, Texas, March, 1981.
8. In Vitro Activity of Thienamycin Against Pseudomonas and Staphylococci Associated with Endocarditis.  
T.W. Rice, K.R. Rajashekaraiah, R.L. Davis, C.A. Kallick. American Society of Microbiology. Los Angeles, California, May, 1979.
9. In Vitro Sensitivity of Multiply Resistant Psuedomonas aeruginosa to Moxalactam, Cefotaxime, Peperacillin, Cefoperazone, and Mezlocillin.  
T.W. Rice, K.R. Rajashekaraiah, C.A. Kallick. Presented at Sterling, Scotland, June, 1982.