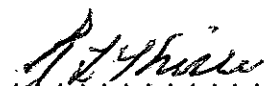



# Bundaberg Hospital Commission of Inquiry

## STATEMENT OF BRIAN LESLIE THIELE

Brian Leslie THIELE of the Friendly Society Hospital Medical Centre Bingera Street Bundaberg in the State of Queensland makes oath and says as follows:

1. I am a legally qualified medical practitioner duly registered in the State of Queensland. I am a Fellow of the Royal Australasian College of Surgeons (FRACS 1973). I am a Fellow of the American College of Surgeons (FACS 1980). I am also a Clinical Professor of Surgery at the University of Queensland. At the present time I am in Private Practice in the Speciality of Vascular Surgery with my surgery in Bundaberg. I am also a visiting specialist at the Friendly Society Hospital in Bundaberg.
2. Attached and marked BT1 is a copy of my curriculum vitae.
3. In about 1976, I went to work in the USA for one year. I ended up staying there for 18 years with my wife and family. In 1994, after practicing as a surgeon in the USA, I decided to return to Australia. At the time, I was head vascular surgeon at Pennsylvania State University Hospital. I was responsible for a large team of doctors. I had an academic role as well as a clinical and managerial role. This is normal within the USA system. I also was heavily involved in the USA national surgical association.
4. I rang up Queensland Health to enquire about the availability of positions suitable for my qualifications and experience. I learned of the availability of the position of Director of Medical Services ("DMS") at the Bundaberg Base Hospital ("the BBH"). It was the last day for applications. I had not intended to return to a position in a hospital in Australia. However, I was born in Bundaberg. I went to school in Bundaberg. My father had worked at the

Signed:  .....  
Deponent

Taken by:  .....  
Solicitor/Barrister /Justice of the Peace/  
Commissioner for Declarations

BBH. My grandfather was member of the BBH board. Indeed, when I was a boy, I did some work at the BBH.

5. I became DMS at the BBH in June 1994. I remained in that position until March 1999.
6. Soon after I arrived at BBH, it became apparent that, whilst some excellent staff were at the hospital, staff morale was very low. With the assistance of my wife I worked very hard to improve the level of morale by building up camaraderie, self respect and professionalism.
7. During my five year term, with the assistance of my wife, I had a large degree of success in improving morale and professionalism at the BBH. We introduced regular staff BBQs, regular residents dinners, an annual Christmas pageant, an annual staff concert, a fete and an auxiliary, amongst others things.
8. I spend considerable effort also improving the quality of clinical services through the establishment of regular activities such as teaching ward rounds, regular educational presentations, regular clinical review conferences and regular visitation from specialists from the metropolitan area. None of these practices were in place prior to my arrival at the hospital.
9. During my term as DMS, the surgical department was built up into a highly successful department within of the BBH. The appointment of Dr. Pitre ANDERSON, the Director of Surgery, was in place upon my arrival. We recruited Dr. NANKIVELL and, subsequently, Dr. BAKER, both general surgeons to come and work at the BBH as part of the surgical team.
10. We secured the grant of the Royal Australasian College of Surgeons training status for the institution. This provided us with quality resident staff on rotation from Royal Brisbane Hospital and was an important part in improving the quality of surgical services at the hospital.

11. Over 50% of the BBH resident doctors were Australian during this time. I take this as a good indicator that we had instilled good training and education at the hospital and that it was well regarded.
12. I did have a number of overseas trained doctors work under my supervision at the BBH. I also arranged for some doctors from North America to work on contract at the base hospital. All of the individuals attracted to the hospital were of very high quality and provided excellent services.
13. It was not contemplated that I would engage in clinical work when I initially took up my duties as DMS. However, this quickly changed. Within about a week of my arrival, a patient came in with a ruptured aneurysm. No one was able to treat him. It struck me that this was exactly the kind of work I specialised in and that I should operate. I operated and the patient had a good outcome.
14. After that time, I took an active role in the provision of clinical services. I operated from time to time and regularly did outpatient clinics.
15. I made it a point of doing a round within the hospital every Friday with the Director of Nursing. We did not cover the whole hospital every week. We would do particular areas. We would even look at the buildings and the gardens. I had an open door policy within my office. But most of all, I was conscious that you needed to be out there amongst the staff so that they could raise issues easily.
16. Through these measures, I kept in touch with clinical issues happening in the hospital.
17. I firmly believe that it is essential to the running of a regional hospital and provision of health services in a regional centre like Bundaberg that the heads of the hospital be clinicians who are involved in or in regular touch with the provision clinical services.

18. The culture within Queensland Health is for the administration to be run by bureaucrats who have become increasingly remote from the clinicians. I accept that there are numerous issues that have to be managed. No doubt a good manager can find good staff to report to him or her on clinical issues. However, in my opinion, hospitals, particularly in regional centres like Bundaberg, are best run by practising clinicians with the support of an administrative services arm.
19. In my opinion, country hospitals should be treated differently to large city hospitals where there possibly is a need in this modern day for managers who are not clinicians. However, in regional hospitals there is no justification for this. Regional hospitals like BBH are small enough that you can "wrap your arms around it".
20. Bureaucratic administrators do not like to hear bad news. They do not like to be exposed to criticism. Many present problems are symptomatic of a culture of avoiding or burying criticism. This extends up through all levels of administration within Queensland Health and even to Government. The Government has the view that health cannot win you an election but can lose you one. Against this background, it has not been keen to hear anything bad about health.
21. In my opinion, criticism is essential in order for healthy education and development to occur. In my opinion, heads of regional hospitals are more likely to be appropriately responsive to criticism if they are clinicians whose primary focus is care. It is essential the primary focus of every hospital be the provision of quality clinical services.
22. During my term as DMS, the administration of health services by Queensland Health was budget driven. Moreover, the funding base for the BBH was historical. It did not take into account the provision of new and upgraded services. Where there had been a hospital that previously had not provided a wide range of specialist activities, it now did so in keeping with the population of the area. Our efforts to expand and upgrade services were

seen as unreasonable. But all we were doing was keeping up with the demand of the local population. Our needs and requirements became increasingly poorly funded by Queensland Health.

23. An example of this was the establishment of CAT scan facilities at the BBH. For most of my term as DMS, no CAT scan facilities existed at the hospital despite the hospital doing a large amount of trauma work. The use of a CAT scan is critical for early diagnosis and treatment of trauma patients. We could not do that at BBH. We had to put patients in an ambulance and send them across town to the Mater hospital for a CAT scan and then have them sent back. Despite the essential need for the facility, there was great reluctance on the part of Queensland Health to resource it.
24. Queensland Health sought to exert more and more control over the BBH from Brisbane. There was little understanding about the difficulties encountered by regional Hospitals in providing specialist services and the necessity to have the local community involved in their local hospital. The emphasis was on process and budgetary compliance. A narrow minded attitude of filling in or ticking boxes and attending to process was emphasised over and above the provision of services and results. This attitude generated increasing frustration for me and other staff at the BBH who were attempting to improve the quality of services to the local population of Bundaberg.
25. The attitude of Queensland Health was that BBH was primarily a Queensland Health Hospital functioning in Bundaberg. The appointed District Health Council had no authority over the running of the BBH. The central model that Queensland Health seemed to propagate was that everything came from Brisbane and that what worked in Brisbane was supposed to work in provincial towns. This was just not the case in my view and experience.
26. Coincident with clinical management, I believe that there needs to be some regional autonomy within the administration of regional hospitals. I believe local communities should have a degree of governance over the activities of regional hospitals similar to the historical board system.

27. In my experience, the centralised administration of health services has not been the best way to deliver quality services in provincial Queensland. A centralised system thinks in terms of funding and providing public health services through out the State. In my opinion, the thinking needs to be in terms of the Bundaberg community having a hospital which Queensland Health funds. Management should be by the community for the community. The community should tell Queensland Health what they need and it should set about funding it.
28. The preference for the utilising of full-time specialist staff over VMOs is a significant manifestation of the central model of Queensland Health. In my opinion, such a preference simply is not tenable in the long term in regional areas.
29. During my term as DMS at BBH, I had numerous conversations with Queensland Health over the need to maximise the services of VMO's and seize upon the stability and quality of service which would come from such action.
30. In my opinion, the use of full time staff specialists reduces the quality and quantity of health services in a regional centre like Bundaberg. Full-time staff historically are itinerant and result in the stop start provision of services and extreme difficulty in long term planning for the provision of services. It is hard attracting quality people to country towns. The position is often isolating and lacking of interaction. Full time staff specialists, in my experience, also are likely to be brought down, if care was not taken, by the public system ethos.
31. VMO's on the other hand are part of the community. They have made long-term commitments to reside in the community and, as such, are ideally suited to provide services to the public hospital.
32. In my opinion, it was and remains critical to the optimisation and maximisation of proper public health services in regional centres like

Bundaberg for Queensland Health to utilise the services of VMO's and take full advantage of the resources available in both the private and public health sectors.

33. Country hospitals like BBH are capable of doing sophisticated procedures and providing sophisticated care. However, this is dependant upon the hospital being properly structured, equipped and resourced (including by the use of VMOs) within the region. If the right people are available, you need to find room for them.
34. In addition to budgetary restriction, during my term as DMS at the BBH, I also found the provision of clinical services was often hampered by politics.
35. An early example of this related to the establishment of the renal dialysis unit at the BBH. BBH was an obvious place to establish such a unit. Bundaberg had a physician with renal dialysis experience and a vascular surgeon to provide surgical procedures to enable dialysis. BBH also had the hardware. Queensland Health wanted to locate the unit at Hervey Bay or Maryborough. Despite there being inadequate infrastructure to deliver such a service at those centres, Queensland Health insisted for over a year that the unit be situated there. The only conceivable reason I believe was political. Each of the areas was in a marginal electorate. Only after much lobbying, and the involvement of the press, was the renal unit eventually established in Bundaberg.
36. Another example was when I attempted to set up a foundation with a view to obtaining finance privately to provide discretionary expenditure for special projects within the hospital. A family with local connections had a large estate and wanted to leave it to the Hospital. They were not interested in leaving it to general revenue. I spoke to several very successful businessmen around Bundaberg. They also were interested in contributing or assisting in the raising of funds for the foundation. I worked up a list of community members who I thought would be most appropriate as board members. Queensland Health took two years to approve the establishment of the

foundation. Moreover, when it did, it insisted on its own nominations for the board membership. In my opinion, these persons were not the best qualified for the position and were political nominations.

37. By 1999, the attitude of Queensland Health was impacting so badly upon the performance and growth of health services at the BBH that I made the decision to resign from my position as DMS and to move from the BBH to full time private practice. The decision was not without some sadness. But I had become frustrated. I had to make a decision as to how I believed I could best serve the people of and contribute to the provision of health services in the Bundaberg Health District. I decided this was in private practice.
38. I am aware that after I left the BBH two of my former colleagues Drs. Baker and Nankivell also resigned for similar reasons. They too became frustrated by the working conditions and atmosphere at the BBH. They both remain employed in the public system at other locations. What disappoints me is that they could have been still providing an excellent quality of service at BBH but for their frustrations.
39. I am aware that there were some issues relating to the resignation of Dr. Anderson other than his frustrations. I was aware that the major reason for his resignation was Queensland Health's reluctance to provide him with VMO sessions in general surgery. In my opinion, that was a big mistake.
40. A couple of years or about 18 months or so after I started at the BBH there was pressure from the local community for more private surgical services. In discussing this issue with the then Regional Manager, Mr. Paul Kelly, he approved the concept of staff providing such services at locations other than the base hospital provided that they did not interfere with the provision of public services. As a result of this Dr. Anderson then worked at some private time away from the BBH with the approval of management and me on the basis of the agreement with Mr. Kelly. However, just prior to my resignation, it was necessary for me to speak with Dr. Anderson about a conflict with his private practice and the provision of public services.



41. After I left in 1999, I visited the BBH for four years as a VMO. I did two sessions a week.
42. I no longer work as a VMO. I ceased visiting the BBH because of poor leadership, poor training, low morale and an inefficient working environment. I no longer felt comfortable that I could provide satisfactory care at the hospital.
43. There are many doctors in Bundaberg who would be prepared to work as VMOs if the BBH was properly structured, resourced and managed. They like the idea of public service, they like meeting people and they like teaching.
44. I know of an orthopaedic surgeon who offered himself as a VMO but was initially refused. I know of an ENT surgeon who offered to work as a VMO. He was refused and he still does not work there. I know of a radiologist who offered to set up his practice within the BBH. This would have been fantastic. But he too was refused. I know of another doctor who was working as a VMO but resigned when penny pinching pettiness became too much for him.
45. The provision of good health services at public hospitals has been fundamentally based on the existence of goodwill between doctors and Queensland Health. This has been eroded over the years. It is now virtually non-existent.
46. I hardly saw Mr Leck or Dr Keating during that time I worked as a VMO.
47. I struck Dr Patel in the corridors from time to time but did not work with him. My impression was that he was a "slippery" customer. I cannot take it further than that.
48. I recall after I left as a VMO and had heard that Dr Patel was going to do vascular access surgery, I asked Dr Keating whether Dr Patel's credentials

had been checked. I asked for no particular reason or knowledge of any incompetence on Dr Patel's part. Dr Keating replied that his credentials had been checked. Subsequently, I became involved in the establishment of Baxter access program concerning the insertion of peri-catheters in Bundaberg. I understood that this arrangement was reached because Dr Patel was not competent to do the work. No other reason was ever suggested.

49. I understand generally that Dr Patel was not picked up by the Hospital statistics. However, this should not be taken to mean that Dr Patel therefore was competent. Statistics are only as good as the relevance and accuracy of information gathered.
50. Too much reliance upon such indicators again is a manifestation of the problem with having non-clinical administrators who are isolated and unable to see or understand what is clinically happening in outpatients and in the wards of the hospital. I remember a conversation once with Peter Leck where he relayed to me that the key performance indicators for the Hospital looked really good. I frankly told him these did not necessarily properly represent clinical performance and that a person in his position did not have the clinical experience to know otherwise. This is the problem
51. The credentialing and privileging system, and its application to Dr Patel, affords another example of the Queensland Health mindset. I am told that Dr Patel was not credentialed and or privileged because, it is said, the College of Surgeons did not nominate an assessor. Credentialing and privileging is common throughout all the hospitals in Bundaberg, and hospitals in which I worked in the USA. It is not a Queensland Health invention or a difficult process to undertake. It need not be contingent on the College of Surgeons.
52. It would have been very easy for the BBH to have asked me in 2003 (when I was working as a VMO at the BBH) to assess Dr Patel. Indeed, they could have asked a number of surgeons working in the Fraser Coast area. I could have assessed him very easily, especially with my knowledge of the level of

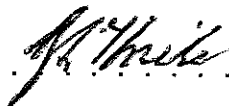
training in certain US hospitals. I knew, for instance, that if he trained at Rochester, New York State, that he would not have learnt thoracic work, if he was trained after a certain year.

53. Finally, I have been asked about the complaints process and whether there is a need for a centralised complaints system. Frankly, I do not necessarily believe in an over formalised complaints process within small regional hospitals like BBH. Complaints processes tend to be symptom rather than cause focused, cumbersome and encouraging of a whinging culture rather than open, honest and critical interaction within the organisation. As I have stated above, criticism is essential to a healthy educative environment.
54. Undoubtedly, there is a need for a formal process for serious complaints. However, in my opinion, the critical focus needs to be, not upon addressing symptoms, but eliminating the causes for poor service within regional hospitals such as the BBH.

Affidavit sworn on  
at

1/2/08-

in the presence of:



Deponent



Solicitor/Justice of the Peace



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# CURRICULUM VITAE

NAME: Brian L. Thiele, M.D.

DATE OF BIRTH:

PLACE OF BIRTH: Queensland, Australia

FAMILY: Wife:  
Children:

SOCIAL SECURITY NUMBER:

HOME ADDRESS:

OFFICE ADDRESS: Department of Surgery  
Division of General Surgery  
The Pennsylvania State University  
College of Medicine  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania 17033

PRESENT POSITION: Professor of Surgery  
Division of General Surgery  
1983 - Present  
  
Chief, Vascular Surgery Section  
Department of Surgery  
1983 - Present  
  
Vice Chairman  
Department of Surgery  
1987 - Present

EDUCATION: University of Queensland Medical Faculty  
Queensland, Australia (1961 - 1966)  
Graduated M.B., B.S., 1966

RESIDENCY: General Surgery  
Townsville General Hospital  
Australia  
1967 - 1968

General Surgery  
Thursday Island  
Torres Straits, Australia  
1968 - 1969

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

RESIDENCY (continued)

Surgical Registrar and Advanced  
Surgical Trainee  
Preston and Northcote Hospital  
University of Melbourne  
Melbourne, Australia  
1970 - 1973

Department of Surgery  
Austin Hospital, University of Melbourne  
Heidelberg, Victoria, Australia  
1974 - 1976

FELLOWSHIP:

Vascular Surgery  
Austin Hospital, University of Melbourne  
Heidelberg, Victoria, Australia  
1973 - 1974

Peripheral Vascular Surgery  
St. Vincent's Hospital  
University of Oregon  
Portland, Oregon  
1976 - 1977

MEDICAL ORGANIZATIONS:

Henry N. Harkins Surgical Society  
Fellow, Royal Australasian College of Surgeons  
Member, Vascular Surgery Section  
Royal Australasian College of Surgeons  
Fellow, American College of Surgeons  
Association for Academic Surgery  
American Institute of Ultrasound in Medicine  
Society of University Surgeons  
The International Society for Cardiovascular  
Surgery  
The Society for Vascular Surgery  
American Medical Association  
American Surgical Association  
American Heart Association Stroke Council  
Societe Internationale de Chirurgie  
American Association for the Advancement of  
Science  
Pennsylvania Medical Society  
Dauphin County Medical Society  
Delaware Valley Vascular Society  
Eastern Vascular Society

OFFICES HELD:

Delaware Valley Vascular Society  
Treasurer, 1985 - 1991  
President-Elect, 1991 - 1992  
President - 1992 - 1993  
Eastern Vascular Society  
Treasurer, 1990 - Present  
Intersocietal Commission for the Accreditation  
of Vascular Laboratories  
Interim Chair, 1989 - 1991

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

OFFICES HELD (continued):

Chairperson, 1991 - 1992  
Board of Directors, 1989 - present  
Healthpass  
Board of Directors  
Capital Region Physician Council  
1991 - 1992  
American Institute of Ultrasound in Medicine  
Board of Governors  
1993 - present  
The Society for Vascular Surgery  
Secretary  
1992 - present

ACADEMIC AND HOSPITAL APPOINTMENTS:

Fellow in Peripheral Vascular Surgery  
Department of Surgery, Austin Hospital  
University of Melbourne  
Melbourne, Australia  
1974

Surgical Superintendent  
Lecturer in Surgical Anatomy,  
Surgical Tutor  
Department of Surgery  
Austin Hospital  
University of Melbourne  
Melbourne, Australia  
1975 - 1976

Assistant Professor of Surgery  
University of Washington  
School of Medicine  
Seattle, Washington  
1977 - 1981

Assistant Chief, Surgical Service  
V.A. Medical Center  
Seattle, Washington  
1978 - 1983

Staff Surgeon and Chief  
Peripheral Vascular Laboratory  
V.A. Medical Center  
Seattle, Washington  
1977 - 1983

Associate Professor of Surgery  
University of Washington  
School of Medicine  
Seattle, Washington  
1981 - 1983

ACADEMIC AND HOSPITAL APPOINTMENTS (Continued)

Co-Director  
Amputation Service  
V.A. Medical Center  
Seattle, Washington  
1981 - 1983

Professor of Surgery  
Vice Chairman, Department of Surgery  
The Milton S. Hershey Medical Center  
Penn State College of Medicine  
Hershey, Pennsylvania  
1983 - Present

Staff Surgeon and Chief  
Vascular Surgery  
The Milton S. Hershey Medical Center  
Penn State College of Medicine  
Hershey, Pennsylvania  
1983 - Present

CERTIFICATION:

Fellow of the Royal Australasian  
College of Surgeons (F.R.A.C.S.)  
October, 1973

Flex Certification

LICENSURE:

State of Oregon, #MD10834  
State of Washington  
State of Pennsylvania, #MD-029728-E

AWARDS AND HONORS:

Thomas Naughton Fitzgerald Scholarship, 1976  
(Awarded by the Royal Australasian  
College of Surgeons)  
Alpha Omega Alpha (Eta Chapter), 1992  
Honorary Fellow, Royal Australasian  
College of Surgeons

EDITORIAL BOARDS:

Editorial Consultant  
The Western Journal of Medicine

Journal of Vascular Technology  
1987 - Present

International Vascular Surgery  
1991 - Present

International Angiology  
1992 - Present

Journal of Vascular Surgery  
1992 - Present

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

EXTERNAL COMMITTEES:

Association for Academic Surgery  
Nominating Committee, 1983  
Council, 1984

Society for Vascular Surgery/  
International Society for Cardiovascular  
Surgery  
Ad Hoc Committee on Reporting of Lower  
Extremity Ischemia, 1985  
Chairman, Committee on Standards for  
Vascular Laboratories, 1985

Delaware Valley Vascular Society  
Program Committee, 1985

American Medical Association  
Director, Joint Review Committee on  
Education of Cardiovascular Technologists,  
1985 - 1993

The International Society for Cardiovascular  
Surgery  
Research Committee, 1986 - Present

The National Institutes of Health  
Committee for Revision of Classification of  
Cerebrovascular Diseases, 1987 - 1989

American College of Surgeons  
SESAP VII Committee, 1989 - 1990  
SESAP 94-95 Committee, 1991 - 1992  
SESAP 96-97 Committee, 1993-present

Committee on Continuing Education,  
1992 - present

Pennsylvania-East District #3  
Committee on Applicants, 1991  
Chairman, 1992 - present

Eastern Vascular Society  
Chairman, Program Committee, 1990

INTERNAL COMMITTEES:

Search Committee for Chairman  
Department of Radiology, 1987  
Department of Orthopaedic Surgery, 1991

Search Committee for Director  
Center for Emergency Medical Services, 1993

Search Committee for Chief Information  
Officer, 1993



BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES:

"Splenic Arteriovenous Fistula -- A Report of Two Cases Following Splenectomy"  
Annual Meeting - Royal Australasian College of Surgeons  
Perth, Australia  
1975

"Bovine Heterografts for Hemodialysis Access"  
Annual Meeting - Australian Society of Nephrologists  
August, 1975

"Operating Theater Management"  
Summer School for Hospital Administrators  
Published in *Proceedings of Summer School for Hospital Administrators*,  
pp. 127-131, 1976

"The Current Status of Carotid Imaging Techniques"  
Annual Meeting - Royal Australasian College of Surgeons  
Kuala Lumpur, Malaysia  
May, 1978

"Possible Mechanical Factors in the Genesis of False Aneurysms"  
Annual Meeting - Royal Australasian College of Surgeons  
Kuala Lumpur, Malaysia  
May, 1978

"Carotid Artery Velocity Patterns in Normal and Stenotic Vessels"  
Delivered (in part) at Fourth International Joint Meeting on Stroke and  
Cerebral Circulation, sponsored by the Stroke Council, American Heart  
Association  
Phoenix, Arizona  
February, 1979

"Current Status of Ultrasonic Duplex Scanning of the Carotid Bifurcation"  
International Cardiovascular Congress II  
Scottsdale, Arizona  
February, 1979

"Incidence of Flow-Reducing Lesions of the Carotid Bifurcation in Patients  
with Cerebral Ischemia"  
Fourth International Joint Meeting on Stroke and Cerebral Circulation,  
sponsored by the Stroke Council, American Heart Association  
Phoenix, Arizona  
February, 1979

"Relationship Between Location of Disease and Symptom in Patients With Carotid  
Artery Disease"  
Vascular Conference, Grand Rounds, Multidisciplinary Conference  
Continuing Medical Education, University of Washington  
Seattle, Washington  
February 20, 1979

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Mesenteric Ischemia"

Vascular Conference, Grand Rounds, Multidisciplinary Conference  
Continuing Medical Education, University of Washington  
Seattle, Washington  
February 20, 1979

Ultrasonic Evaluation of Aneurysms"

Thiele, B.L.  
Virginia Mason Hospital  
Seattle, Washington  
March, 1979

"Surgical Treatment of Occlusive Vascular Disease"

Continuing Medical Education  
University Tower Hotel  
Seattle, Washington  
April, 1979

"The Application of Spectral Analysis of Velocity Signals for the Detection of Arterial Stenosis"

International Symposium of Hemodynamics of the Limbs  
Toulouse, France  
May, 1979

"Current Status of Ultrasonic Imaging and Spectral Analysis in the Detection of Arterial Stenosis"

International Symposium on Smoking and Arterial Disease  
Charing Cross Hospital  
London, England  
June 6-8, 1979

"Strain Gauge Plethysmography in Patients With Venous Disease"

1979 Joint Annual Meeting, North American Chapter of the International Cardiovascular Society and the Society for Vascular Surgery  
June 28-30, 1979

"An Analysis of Above and Below the Knee Femoro-Popliteal Grafts"

Vascular Conference, Grand Rounds,  
Multidisciplinary Conference, Continuing Medical Education  
University of Washington  
Seattle, Washington  
September, 1979

"Causes and Prevention of Deep Venous Thrombosis"

Symposium on Critically Ill Surgical Patient  
Continuing Medical Education  
University of Washington  
Seattle, Washington  
September, 1979

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Vascular Physiology of Veins"  
Continuing Medical Education  
Harborview Medical Center  
Seattle, Washington  
September 25, 1979

"Peripheral Vascular Disease"  
Continuing Medical Education  
Seattle Veterans Administration Medical Center  
Seattle, Washington  
October 22, 1979

"Peripheral Vascular Disease"  
Waldo Fall Seminar  
Washington Plaza Hotel  
Seattle, Washington  
October 27, 1979

"Diagnosis and Management of Peripheral Vascular Disease"  
Annual Symposium on Heart Disease, Update '79 -- Physicians' Symposium  
Swedish Hospital  
Seattle, Washington  
October 27, 1979

"Pulmonary Embolism: Diagnosis and Management"  
Continuing Education Seminar  
Seattle, Washington  
December, 1979

"Anastomotic Aneurysms"  
Seattle Surgical Society  
Seattle, Washington  
December, 1979

"Venous Disease of the Lower Extremities"  
Surgical Grand Rounds, Multidisciplinary Conference  
Continuing Medical Education  
University of Washington  
Seattle, Washington  
December 11, 1979

"Aneurysms"  
Continuing Medical Education  
Seattle Veterans Administration Medical Center  
Seattle, Washington  
January 2-3, 1980

"Diagnosis and Management of Deep Venous  
Thrombosis"  
Medical/Surgical Conference  
Seattle Veterans Administration Medical Center  
January 5, 1980

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Physiological Analysis of Above Knee and Below Knee Femoropopliteal Grafts"  
Combined Meeting of Royal Australasian College of Surgeons and Physicians and  
the Royal Canadian College of Surgeons and Physicians  
Sydney, Australia  
February 24-29, 1980

"Duplex Scanning in the Detection of Carotid Artery Atherosclerosis"  
Combined Meeting of Royal Australasian College of Surgeons and Physicians and  
the Royal Canadian College of Surgeons and Physicians  
Sydney, Australia  
February 24-29, 1980

"Peripheral Vascular Disease"  
Continuing Medical Education, coordinated through the Division of Occupational  
Therapy as part of a course Rehabilitation Medicine  
University of Washington  
Seattle, Washington  
March 10, 1980

"Pulmonary Embolus and Deep Vein Thrombosis"  
Continuing Medical Education  
Review Course in Physical Medicine and Rehabilitation  
University Tower Hotel  
Seattle, Washington  
March 24, 1980

"Ultrasonic Arteriography: Implications of Patient Management"  
Annual Meeting, Washington State Chapter of American College of Surgeons  
Union, Washington  
June 22-25, 1980

"Common Clinical Problems"  
Presented at Noninvasive Diagnostic Methods: Arterial, Venous,  
Cerebrovascular, for Physician and Technologist  
Continuing Medical Education  
University of Washington  
Seattle, Washington  
September 9, 1980

"Anatomy of the Venous System"  
Presented at Noninvasive Diagnostic Methods: Arterial, Venous,  
Cerebrovascular, for Physician and Technologist  
Continuing Medical Education  
University of Washington  
Seattle, Washington  
September 10, 1980

"Angiography Versus Noninvasive Methods -- Is There a Gold Standard?"  
Presented at Noninvasive Diagnostic Methods: Arterial, Venous,  
Cerebrovascular, for Physician and Technologist  
Continuing Medical Education  
University of Washington  
Seattle, Washington  
September 11, 1980

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Aortoiliac Versus Aortofemoral Bypass Grafts"

Wenatchee Valley Clinic  
Wenatchee, Washington  
January 2, 1981

"Arteriography -- The Gold Standard?"

International Cardiovascular Congress III  
Scottsdale, Arizona  
February 16-18, 1981

"Vascular Disease for the Internist"

Presented at Noon Conference  
Providence Hospital  
Seattle, Washington  
February 26, 1981

"Clinical Evaluation of Lower Limb Occlusive Disease"

Brazilian Congress of Angiology  
Rio de Janeiro, Brazil  
August 25, 1981

"Evaluation and Diagnosis of Extracranial Carotid Arterial Disease, Part II"

Brazilian Congress of Angiology  
Rio de Janeiro, Brazil  
August 25, 1981

"The Role of Pressure Measurements in the Evaluation of Lower Limb Occlusive Disease"

Brazilian Congress of Angiology  
Rio de Janeiro, Brazil  
August 26, 1981

"The Classification and Natural History of Limb Ischemia"

Modern Amputation Surgery and Prosthetic Rehabilitation  
Seattle, Washington  
September 10, 1981

"Temporary Plastic Vascular Shunts: Resolution of a Management Dilemma in Complex Vascular Injuries"

American Association for the Surgery of Trauma  
Hot Springs, Virginia  
September 16, 1981

"Evaluation of the High-Risk, Asymptomatic Patient: Physical Findings"

"Evaluation of the Symptomatic Patient"

"Cerebrovascular Disease"

"How to Pick a Vascular Surgeon"

"How to Follow Patients After Vascular Surgery"

Prevention and Management of Arteriosclerosis: A Symposium for the Primary Care Physician  
Longview, Washington  
October 9, 1981

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Role of Pressure Measurements: Direct and Indirect"

Continuing Medical Education Course, Noninvasive Diagnostic Methods  
University of Washington  
Seattle, Washington  
November 30, 1981

"Physiology and Evaluation of the Post Thrombotic Syndrome"

"When is Phlebography Indicated?"

"Pathophysiology of TIA's and Stroke"

Continuing Medical Education Course, Noninvasive Diagnostic Methods  
University of Washington  
Seattle, Washington  
December 1, 1981

"Identification of Flow Disturbances Produced by Artificially Created Stenoses Using Spectral Analysis. Neurosonology -- Including Cerebrovascular Evaluation with Doppler Ultrasound"

Erice Trapani, Sicily, Italy  
March 3, 1982

"Clinical Roles of Spectrum Analysis in the

Assessment of Patients With Vascular Disease. Neurosonology -- Including Cerebrovascular Evaluation with Doppler Ultrasound"

Erice Trapani, Sicily, Italy  
March 10, 1982

"The Role of Flow Disturbances in the Diagnosis of Carotid Disease. Stroke Prevention: Modern Concepts in the Diagnosis of Extracranial Cerebrovascular Disease"

Phoenix Baptist Hospital and Medical Center  
Phoenix, Arizona  
March 20, 1982

"Pulmonary Embolus and Deep Venous Thrombosis"

Review Course in Physical Medicine and Rehabilitation  
Bellevue, Washington  
April 6, 1982

"Evaluation of Peripheral Vascular Disease: Clinical Signs, Diagnostic Tests, and Surgical Treatment"

Review Course in Physical Medicine and Rehabilitation  
Bellevue, Washington  
April 9, 1982

"Deep Venous Thrombosis and Pulmonary Embolism"

Delivered at Panel Discussion: Clots and Ulcers in Venous Disease, at Vascular Disease: A Comprehensive Review for Primary Physicians  
Seattle, Washington  
April 23, 1982

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Stasis Ulcers: Chronic Venous Insufficiency"  
Vascular Disease: A Comprehensive Review for Primary Physicians  
Seattle, Washington  
April 23, 1982

"A Systematic Approach to the Assessment of Aortoiliac Disease"  
Association of V.A. Surgeons, Sixth Annual Surgical Symposium  
Atlanta, Georgia  
May 15, 1982

"Assessment of Femorodistal Grafts Using Velocity Waveform Analysis"  
San Diego Symposium on Noninvasive Diagnostic Techniques in Vascular Disease  
San Diego, California  
October 19, 1982

"Intraoperative Pulsed Doppler Assessment of Carotid Endarterectomy"  
San Diego Symposium on Noninvasive Diagnostic Techniques in Vascular Disease  
San Diego, California  
October 22, 1982

"Medical and Surgical State of the Art"  
Cerebrovascular Symposium, American Heart Association  
Annual Membership Meeting and Scientific Sessions  
Seattle, Washington  
October 28, 1982

"Identifying Stroke Warning Signs"  
American Heart Association  
Annual Membership Meeting and Scientific Sessions  
Seattle, Washington  
October 29, 1982

"Is Siphon Disease Important in Predicting Outcome of Carotid Endarterectomy?"  
American Heart Association  
Eighth International Joint Conference on Stroke and Cerebral Circulation  
San Diego, California  
February 11, 1983

"Platelet Deposition on Prosthetic Surfaces in Man: Quantitation with Indium-111 Platelet Imaging and Assessment of Sulfinpyrazone Effects"  
International Cardiovascular Congress IV  
Scottsdale, Arizona  
February 14, 1983

"Treatment of Acute Arterial Occlusion With Low Dose Streptokinase"  
International Cardiovascular Congress IV  
Scottsdale, Arizona  
February 14, 1983

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Comparison of Arteriography and Intra-Arterial Pressure Measurement in Assessment of Aortoiliac Disease"  
International Cardiovascular Congress IV  
Scottsdale, Arizona  
February 15, 1983

"Peripheral Vascular Doppler I"  
Regional Meeting of Society of Diagnostic Medical Sonographers  
Wenatchee, Washington  
March 4, 1983

"Peripheral Vascular Doppler II"  
Regional Meeting of Society of Diagnostic Medical Sonographers  
Wenatchee, Washington  
March 5, 1983

"Anatomy and Physiology of the Arterial Tree"  
Vascular Diseases 1983: CME 1082  
University of Washington School of Medicine  
Lahaina, Maui, Hawaii  
March 27, 1983

"Pathophysiology and Natural History of Cerebrovascular Disease"  
Vascular Diseases 1983: CME 1082  
University of Washington School of Medicine  
Lahaina, Maui, Hawaii  
March 30, 1983

"Deep Venous Thrombosis and Pulmonary Embolism -- Diagnosis and Management"  
Vascular Diseases 1983: CME 1082  
University of Washington School of Medicine  
Lahaina, Maui, Hawaii  
March 31, 1983

"Acute and Chronic Arterial Disease -- The Role of Arteriography and Interventional Radiology"  
Vascular Diseases 1983: CME 1082  
University of Washington School of Medicine  
Lahaina, Maui, Hawaii  
March 29, 1983

"Smoking and Blood Vessels"  
Vascular Diseases 1983: CME 1082  
University of Washington School of Medicine  
Lahaina, Maui, Hawaii  
April 1, 1983

"Reconstructive Principles and Procedures in the Dysvascular Leg"  
Symposium on Care of the Amputee  
Veterans Administration North Central Regional Medical Education Center  
VA Medical Center  
Minneapolis, Minnesota  
September 8-9, 1983



BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Evaluation of Patients With Extracranial Vascular Disease"

Family Medicine Noon Conference  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
September 20, 1983

"Deep Vein Thrombosis - Diagnosis and Treatment"

Medical Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
September 22, 1983

"Evaluation of Aortoiliac Disease"

Visiting Professor Lecture Series  
University of Medicine and Dentistry of New Jersey  
Newark, New Jersey  
January 18, 1984

"Subclavian Steal Syndrome - Effect of Reconstructive Surgery on Cerebral Symptoms"

Annual Meeting of the Delaware Valley Vascular Society  
Atlantic City, New Jersey  
April 7, 1984

"Arteriography, Applications and Pitfalls; and the Asymptomatic Bruit"

ATL Symposium on Extracranial Arterial Disease  
Hilton Head, South Carolina  
April 26-27, 1984

"Noninvasive Diagnosis of Carotid Disease: Theory and Practice"

Seminar, Ultrasound Society of Central Pennsylvania  
Harrisburg, Pennsylvania  
May 19, 1984

"Flow Disturbance Distal to Stenoses in the Canine Thoracic Aorta"

Canadian Physiological Society  
Saskatoon, Saskatchewan, Canada  
June 22, 1984

"Physiology of Blood Flow"

"A Review of Noninvasive Cerebrovascular Evaluation - Methods and Results"

"Noninvasive Methods in Peripheral Arterial Diagnosis"

Noninvasive Vascular Technology Conference  
Lancaster, Pennsylvania  
August 22-24, 1984

"Clinical Presentations of Peripheral Arterial Occlusive Disease"

"Diagnostic Evaluation of Arterial Occlusive Disease"

"Venous Diseases - Diagnosis and Management"

Vascular and Pulmonary Diseases Seminar  
Medical Education Resources  
Chicago, Illinois  
December 7-9, 1984

INVITED PROFESSORSHIPS AND LECTURES (continued)

"Anatomy and Physiology of the Arterial System"

"Acute and Chronic Arterial Disease"

"Deep Venous Thrombosis and Pulmonary Embolism - Diagnosis and Management"

Multi-Institutional Teaching Phone Conference,

sponsored by Coordinating Council for Continuing Education

The Pennsylvania State University

University Park, Pennsylvania

March 13, 1985

"Detection and Measurement of Flow Patterns Distal to Stenosis in the Canine Thoracic Aorta"

Bioengineering Seminar

The Pennsylvania State University

University Park, Pennsylvania

April 29, 1985

"Thrombo-embolic Problems - Pathophysiology of Deep Venous Thrombosis"

Vascular Symposium

Union Memorial Hospital

Baltimore, Maryland

May 3, 1985

"Interaction of Duplex Scanning With Other Imaging Techniques"

Vascular Symposium

Philadelphia, Pennsylvania

May 4, 1985

"Venous Disease - Diagnosis and Management"

"Venous Thromboembolism"

Medical Education Resources Vascular and Pulmonary Diseases Seminar

Hilton Head, South Carolina

July 19, 1985

"Cerebrovascular and Vertebrobasilar Insufficiency"

Medical Education Resources Vascular and Pulmonary Diseases Seminar

Hilton Head, South Carolina

July 20, 1985

"Decision Making in Carotid Surgery"

Advanced Technology Laboratories Vascular Seminar

Meadowlands, New Jersey

July 29, 1985

"Complementary Role of Arteriography and Ultrasound Technique in the Evaluation of Peripheral Vascular Disease"

Chesapeake Valley Vascular Society

Annapolis, Maryland

September 19, 1985

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"The Role of Prescreening in Symptomatic and Asymptomatic Patients"  
Advanced Technology Laboratories  
Symposium on Duplex Scanning  
San Francisco, California  
October 7, 1985

"Radiological Evaluation of Lower Extremity Occlusive Disease"  
Advanced Technology Laboratories  
Symposium on Duplex Scanning  
San Francisco, California  
October 8, 1985

"Pathophysiology and Clinical Features of Venous Thrombosis"  
Advanced Technology Laboratories  
Symposium on Duplex Scanning  
San Francisco, California  
October 9, 1985

"Peripheral Anatomy, Physiology and Pathophysiology"  
"Principles of Spectral Analysis"  
The Institute for Medical Studies  
Seminar on Noninvasive Diagnosis of Vascular Disease  
Houston, Texas  
November 21, 1985

"Spectral Analysis in the Carotid Arteries"  
"The Use of Real Time Imaging in Cerebrovascular Diagnosis"  
The Institute for Medical Studies  
Seminar on Noninvasive Diagnosis of Vascular Disease  
Houston, Texas  
November 22, 1985

"Peripheral Arterial and Venous Testing: An Overview of Current Techniques"  
"Intraoperative Assessment of Carotid Endarterectomy"  
"Noninvasive Diagnosis of Intestinal Angina"  
The Institute for Medical Studies  
Seminar on Noninvasive Diagnosis of Vascular Disease  
Houston, Texas  
November 23, 1985

"Duplex Scanning and Interaction With Arteriography"  
South Central Pennsylvania Area Wide Radiology Conference  
Carlisle, Pennsylvania  
December 5, 1985

"Long-Term Effects of Deep Venous Thrombosis"  
Symposium on Venous Thromboembolism  
Palm Springs, California  
December 15, 1985

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Noninvasive Detection of Carotid Disease"  
"Spectral Analysis in Detection of Carotid Disease"  
"Interaction of Noninvasive Testing and Radiological Techniques"  
Area Health Education Center  
Wilmington, North Carolina  
January 3, 1986

"Evaluation of Lower Extremity Occlusive Disease"  
"Evaluation of Acute and Chronic Venous Disease"  
Area Health Education Center  
Wilmington, North Carolina  
January 4, 1986

"Noninvasive Evaluation of Extracranial Carotid Disease"  
Annual Meeting  
Pan-Pacific Surgical Association  
Honolulu, Hawaii  
January 16, 1986

"Postoperative Venous Thrombosis and Pulmonary Embolism - The Role of Prophylaxis"  
Surgery Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
January 22, 1986

"Diagnosis of Deep Venous Thrombosis"  
"Assessment of Renal Artery Reconstruction"  
Annual Vascular Surgery Conference  
West Virginia University  
Snowshoe, West Virginia  
February 10, 1986

"Prosthetic Graft Infections"  
Surgery Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
February 26, 1986

"Mesenteric Ischemia"  
Medicine Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
February 27, 1986

"Assessment of Carotid and Renal Artery Reconstructions"  
Reading Hospital  
Reading, Pennsylvania  
March 6, 1986

"The Diagnosis and Management of Carotid Artery Disease - Current Status"  
Centre Community Hospital  
State College, Pennsylvania  
March 18, 1986

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Long-Term Complications of Thromboembolism"

Vascular Seminar  
Harrisburg, Pennsylvania  
April 3, 1986

"Prevention, Diagnosis and Prophylaxis of Deep Vein Thrombosis"

Gynecologic Oncology Lecture Series  
The Johns Hopkins Medical Institutions  
Baltimore, Maryland  
April 28, 1986

"Update on Transient Ischemic Attacks and Cerebrovascular Accidents - Current Treatment"

Postgraduate Seminar for Physicians  
Altoona Hospital  
Altoona, Pennsylvania  
May 15, 1986

"Pediatric Vascular Trauma"

Pediatric Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
June 26, 1986

"Duplex Scanning of Carotid Disease"

Visiting Professor Lecture  
University Hospital  
Bern, Geneva, Switzerland  
September 6, 1986

"Assessment of Renal Artery Reconstruction"

Second International Vascular Symposium  
London, England  
September 11, 1986

"Clinical Implications of Plaque Mortality"

Peripheral Vascular Symposium  
Saint Anthony Medical Center  
Columbus, Ohio  
September 24, 1986

"Diagnosis, Natural History, and Treatment of Deep Venous Thrombosis"

General Surgery Conference  
Geisinger Medical Center  
Danville, Pennsylvania  
October 1, 1986

"Venous Thrombosis and Pulmonary Embolism - Diagnosis, Treatment, and Prevention"

Postgraduate Seminar for Physicians  
Altoona Hospital  
Altoona, Pennsylvania  
October 16, 1986

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Plaque Morphology"

"Intraoperative Uses of Ultrasound Scanning"

"Peripheral Arterial Patient Work-Up"

"Clinical Applications of Ultrasound in Transplantation Surgery"

Institute for Medical Studies Symposium on the Assessment of Arteries and Veins by Duplex Ultrasound Scanning

New Orleans, Louisiana

October 18-19, 1986

"Peripheral Vascular Anatomy, Physiology, and Pathophysiology"

"Treatment Modalities and Outcomes in Vascular Disease"

"Plethysmography as a Diagnostic Aid in Peripheral Arterial Disease"

"Venous Anatomy, Physiology, and Pathophysiology"

"Indirect Techniques in the Diagnosis of Venous Thrombosis"

"Doppler Evaluation of the Abdominal Aorta and its Branches"

"Doppler Evaluation of Renal Blood Flow, Including Transplantation"

Institute for Medical Studies Symposium in Doppler Ultrasound

Bethesda, Maryland

October 31 - November 1-2, 1986

"Role of Noninvasive Testing in Therapeutic Decision Making"

"Detection of Significant Aortoiliac Occlusive Disease - Current Approaches"

Advanced Technology Laboratories

Symposium in Ultrasound Techniques in Vascular Disease

Boston, Massachusetts

November 10-11, 1986

"Axillo-Subclavian Thrombosis"

Surgery Grand Rounds

The Milton S. Hershey Medical Center

Hershey, Pennsylvania

November 26, 1986

"Thromboembolism"

Surgical Education Conference

Crozer-Chester Medical Center

Upland, Pennsylvania

December 9, 1986

"Vascular Trauma"

York Hospital

York, Pennsylvania

January 5, 1987

"Peripheral Vascular Disease"

"Carotid Endarterectomy"

Visiting Professor Lecture Series

The Williamsport Hospital

Williamsport, Pennsylvania

January 16-17, 1987

BRYAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Intraoperative Assessment of Arterial Reconstructions"  
Visiting Professor Lecture Series  
University of Maryland  
Baltimore, Maryland  
February 4, 1987

"Indications for Noninvasive Cerebrovascular Testing"  
Noninvasive Vascular Course  
Thomas Jefferson University Hospital  
Philadelphia, Pennsylvania  
February 9, 1987

"Fem-Faraway Bypass Grafting - Changing Trends"  
Surgery Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
February 11, 1987

"Long-Term Effects of Deep Venous Thrombosis"  
"Treatment of Chronic Venous Insufficiency"  
Symposium on Venous Thromboembolism  
Orlando, Florida  
March 15, 1987

"Long-Term Effects of Deep Venous Thrombosis"  
"Treatment of Chronic Venous Insufficiency"  
Symposium on Venous Thromboembolism  
Tampa, Florida  
April 5, 1987

"Fibrodysplastic Renal Artery Disease"  
Surgery Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
April 22, 1987

"Clinical Features and Natural History of Lower Extremity Occlusive Disease"  
"Duplex Scanning in Renal Transplantation"  
"Pathophysiology and Natural History of DVT"  
"Interaction of Noninvasive Studies and Phlebography - Case Studies"  
"Pathophysiology of Stroke"  
"Indirect Tests in the Diagnosis of Carotid Disease"  
"Plaque Morphology - Role in Symptomatic Carotid Disease"  
"Interaction of Noninvasive Tests and Arteriography"  
Center for Continuing Medical Education Symposium on Vascular Doppler & Duplex  
Scanning  
Los Angeles, California  
May 14-15, 1987, and  
San Diego, California  
May 28-29, 1987

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Extracranial Duplex Exam: Importance and Criteria"

Seminar on the Total Cerebrovascular Exam: Extracranial and Intracranial Techniques

Toronto, Canada

June 7, 1987

"Effect of Stenosis Morphology on Propagation of Flow Disturbance"

Vascular Surgery Biology Club Meeting

Toronto, Canada

June 9, 1987

"Surgical Approaches to Venous Disease. The Role of the Vascular Lab in Clinical Practice"

Vascular Update Symposium

Hershey Hotel

Hershey, Pennsylvania

August 21, 1987

"The Evolution of Doppler and Its Current Uses Today"

Meeting of Houston Society of Noninvasive Vascular Technology

Texas Heart Institute/St. Luke's Episcopal Hospital Peripheral Vascular Conference

Houston, Texas

August 31, 1987

"Peripheral Vascular Anatomy, Physiology, and Pathophysiology"

"Treatment Modalities and Outcomes in Vascular Disease"

"Plethysmography as a Diagnostic Aid in Peripheral Arterial Disease"

"Doppler Evaluation of the Abdominal Aorta and Celiac and Mesenteric Arteries"

"Doppler Evaluation of Renal Blood Flow, Including Transplantation Evaluation"

Institute for Medical Studies Vascular Symposium

Houston, Texas

October 29-31, 1987

"Extended Use of Duplex Scanning"

Union Memorial Hospital

Baltimore, Maryland

November 12, 1987

"Renovascular Hypertension"

Urology Resident Conference

The Milton S. Hershey Medical Center

Hershey, Pennsylvania

November 30, 1987

"Evaluation and Treatment of Abdominal Aortic Aneurysms"

"Peripheral Vascular Disease"

Visiting Professor Lecture Series

Williamsport Hospital

Williamsport, Pennsylvania

January 29-30, 1988



BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Standardization of Diagnostic Criteria and Terminology"

"Use of High Frequency (20 MHz) Dopplers"

San Diego Symposium on Noninvasive Diagnostic  
Techniques in Vascular Disease

San Diego, California

February 22-23, 1988

"Detection of Visceral Artery Disease with Duplex Ultrasonography"

"Postop Evaluation of Leg Grafts"

2nd Annual Noninvasive Educational Symposium

North Carolina Vascular Technologists

Greensboro, North Carolina

March 25, 1988

"Factors Which Prohibit Elective Surgery for Patients with Abdominal Aortic  
Aneurysms"

"Management of Acute Thrombosis of Femoropopliteal and Femorotibial Bypasses"

Society for Clinical Vascular Surgery

Maui, Hawaii

April 7-8, 1988

"Hemodynamics of Arterial Disease"

"Duplex Scanning of the Postoperative Patient - Lower Extremity Vein Grafts"

"Plaque Morphology - Clinico-pathological Correlates"

"Evolution of Duplex Scanning"

"Duplex Scanning of the Mesenteric Vessels"

"Duplex Scanning in Renal Transplantation"

Advanced Technology Laboratories Vascular Symposium

St. Thomas, U.S. Virgin Islands

April 13-15, 1988

"Cerebrovascular Hemodynamics"

"Interpretation of the Cerebrovascular Examination"

Leading Edge in Diagnostic Ultrasound Vascular Symposium

Sponsor - Thomas Jefferson University

Atlantic City, New Jersey

May 4, 1988

"Abdominal Aortic Aneurysms"

"Extended Application of Duplex Scanning in Peripheral Vascular Disease"

Visiting Professor Lecture Series

Mercy Hospital

Pittsburgh, Pennsylvania

June 17-18, 1988

"Natural History of Carotid Disease - The Need for Noninvasive Testing"

Vascular Symposium - Thomas Jefferson University

Philadelphia, Pennsylvania

June 22, 1988

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Adequate Assessment of Vascular Disorders"

"New Areas Explored Using Colour Coding"

"Clinical Application of New Technology"

The Third Australian Conference for Vascular Ultrasonography

Queensland, Australia

July 21-23, 1988

"Treatment of the Diabetic Foot"

Temple University

Philadelphia, Pennsylvania

August 18, 1988

"Venous Disease: Evaluation and Diagnosis"

"The Use of the Noninvasive Lab in Clinical Diagnosis"

Madigan Army Medical Center

Tacoma, Washington

September 8, 1988

"Intraoperative Use of the Vascular Lab"

Madigan Army Medical Center and Northwest Vascular Technologists

3rd Annual Noninvasive Vascular Conference

Tacoma, Washington

September 10, 1988

"Mesenteric Circulation"

GI Physiology Conference

The Milton S. Hershey Medical Center

Hershey, Pennsylvania

September 14, 1988

"Coronary/Carotid Disease"

Cardiothoracic Surgery Conference

The Milton S. Hershey Medical Center

Hershey, Pennsylvania

October 5, 1988

"Effect of Stenosis Morphology on Propagation of Flow Disturbances"

Surgical Research Forum

The Milton S. Hershey Medical Center

Hershey, Pennsylvania

October 5, 1988

"Applications of Color Flow in the Carotid"

"Color Flow Applications in Peripheral Arteries and Veins"

Advanced Technology Laboratories Color Flow Imaging Symposium

New York, New York

October 15, 1988

"Salvage of Occluded Grafts - Indications for Surgery and Thrombolysis"

Symposium - The Role of Thrombolysis in Vascular Surgery

Chicago, Illinois

October 2, 1988

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Unusual Presentations of Vascular Graft Infections"  
Surgery Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
October 26, 1988

"The Diabetic Foot"  
Surgery Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
December 14, 1988

"Current Strategies in Aortic Surgery"  
"Minimizing Blood Transfusion in Aortic Surgery with Hemodilution and Autotransfusion"  
"Intraoperative Evaluation of Arterial Reconstruction"  
General Surgery Postgraduate Course  
The Oregon Health Sciences University  
Portland, Oregon  
March 4, 1989

"Pathophysiology and Anatomy of Acute and Chronic Arterial Occlusive Disease"  
"Use of High Frequency Doppler"  
"How to Establish, Standardize and Certify a Vascular Laboratory"  
The Sixth National Noninvasive Diagnosis of Vascular Disease Symposium  
St. John's Mercy Medical Center  
St. Louis, Missouri  
March 8-10, 1989

"Cerebrovascular Anatomy and Hemodynamics"  
"Arterial Techniques, Including Color Doppler"  
Symposium - Dx Vascular Ultrasound '89  
Orlando, Florida  
March 11-12, 1989

"Abdominal Aneurysm Surgery - Current Strategies of Operative Management"  
Union Memorial Hospital  
Baltimore, Maryland  
March 14, 1989

"Duplex Carotid Sonography - Clinical Utility"  
"Arterial Peripheral Duplex"  
Educational Meeting - American Institute of Ultrasound in Medicine  
Phoenix, Arizona  
April 7, 1989

"The Future of the Vascular Laboratory"  
Annual Meeting - North Carolina Vascular Technologists  
Greensboro, North Carolina  
May 6, 1989

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Natural History of Carotid Disease: The Need for Noninvasive Testing"  
Symposium - Doppler Ultrasound in Vascular Diagnosis  
Thomas Jefferson University Hospital  
Philadelphia, Pennsylvania  
May 31, 1989

"Experience in Saphenous Vein Bypass Grafts"  
Symposium - The Role of Thrombolysis in Vascular Surgery  
New York, New York  
June 16, 1989

"What the Cardiologist Should Know about Peripheral Vascular Disease"  
Cardiology Teaching Conference  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
August 16, 1989

"Extended Applications of Duplex Scanning in Peripheral Vascular Disease"  
International Vascular Symposium  
Rome, Italy  
September 14, 1989

"Current Noninvasive Vascular Diagnosis of Mesenteric and Renal Arteries"  
Visiting Professor  
West Virginia University  
Charleston, West Virginia  
September 23, 1989

"Aortic Aneurysms"  
Surgery Review Course, Osler Institute  
Chicago, Illinois  
October 9, 1989

"Applications of Color Flow in the Carotid"  
"Applications of Color Flow in the Peripheral Veins and Arteries"  
Advanced Technology Laboratories Color Flow Update Symposium  
October 21, 1989

"Infrainguinal Grafts and Peripheral Arterial Occlusions"  
Visiting Professor  
Jewish Memorial Hospital  
Cincinnati, Ohio  
October 28, 1989

"Techniques in Aortic Aneurysm Surgery"  
Pacific Northwest Vascular Society  
Vancouver, British Columbia  
November 9, 1989

"Venous Disease - Evaluation and Management, Surgical and Nonsurgical"  
"Current Management of Carotid Artery Disease"  
Visiting Professor, Williamsport Hospital  
Williamsport, Pennsylvania  
December 1-2, 1989

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Treatment of Diabetic Foot Infections"  
Visiting Professor, St. Joseph's Hospital  
Reading, Pennsylvania  
February 7, 1990

"Treatment of Diabetic Foot Infections"  
Visiting Professor, Temple University Hospital  
Philadelphia, Pennsylvania  
March 16, 1990

"Thrombolytic Therapy for Arterial Occlusion and in the Management of Deep Venous Thrombosis"  
Visiting Professor, R.H.D. Memorial Medical Center  
Dallas, Texas  
March 20, 1990

"Cerebrovascular Disease - A Surgeon's Perspective"  
"Venous Anatomy, Physiology, and Hemodynamics"  
Joint Sponsors - University of North Carolina and University of Arkansas for Medical Sciences  
Chapel Hill, North Carolina  
April 19-20, 1990

"Evolution of Duplex Ultrasonography in Vascular Surgery"  
Hershey Surgical Society  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
April 26, 1990

"Pathophysiology and Clinical Features of Carotid Disease - Symptomatic, Asymptomatic and Plaque Morphology"  
"Pathophysiology and Clinical Features of Deep Vein Thrombosis - Anatomy, Physiology and Natural History"  
Current Treatment Options for Acute Deep Vein Thrombosis"  
"Role of Indirect Tests in Lower Extremity Ischemia"  
"Anatomy and Physiology of Visceral Blood Flow"  
"Vascular Laboratory Accreditation - Current Status"  
Advanced Technology Laboratories Symposium on Vascular Duplex and Color Ultrasonography  
St. Thomas, U.S. Virgin Islands  
May 3-5, 1990

"Update: Intersocietal Commission for the Voluntary Accreditation of Vascular Laboratories"  
Thirteenth Annual Conference, Society of Vascular Technology  
Los Angeles, California  
June 1, 1990

"Anatomy and Physiology of Lower Extremity Arterial System"  
"Hemodynamics of Arterial Stenoses"  
"Anatomy and Physiology of Lower Extremity Venous System"  
Noninvasive Doppler Ultrasound Course  
Hotel Hershey  
July 12-13, 1990

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Clinical Features of Renal Artery Occlusive Disease"

"Hemodynamics and Clinical Features of Aortoiliac Occlusive Disease"

Noninvasive Doppler Ultrasound Course

Hotel Hershey

Hershey, Pennsylvania

September 27-28, 1990

"The Role of Color Doppler in Cerebrovascular Diagnosis"

"Color Doppler in Abdominal and Lower Extremity Diagnosis"

Advanced Technology Laboratories Color Doppler

Update Symposium

Hilton Head, North Carolina

September 29, 1990

"Surgical Treatment for Ischemic Stroke"

Regional Symposium on Stroke Treatment

Neuroscience Regional Resource Center

Reading, Pennsylvania

October 5, 1990

"Peripheral Vascular Surgery"

Moderator, Postgraduate Course

Clinical Congress, American College of Surgeons

San Francisco, California

October 9, 1990

"Vascular Sonography"

Moderator, American Heart Association Scientific Sessions

Dallas, Texas

November 14, 1990

"Duplex and Color in the Abdomen"

Symposium - New Advances in the Noninvasive Evaluation of Peripheral Vascular Disease

Waldorf-Astoria Hotel

New York, New York

November 15, 1990

"Accreditation of Vascular Laboratories: What It Means for All of Us"

Seventeenth Annual Symposium on Current Critical Problems and New Horizons in Vascular Surgery

Montefiore Medical Center/Albert Einstein College of Medicine

New York, New York

November 18, 1990

"Experience with Thrombolysis in Occluded Saphenous Vein Bypass Grafts"

Symposium - Discovery International

Miami, Florida

November 30, 1990

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued)

"Advances and Applications of Ultrasound Technology"  
Surgery Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
January 9, 1991

"Renal Transplant Duplex Evaluation"  
"Vascular Laboratory Certification: Current Direction - Future Impact"  
The Third International Symposium on Diagnostic Approaches to Vascular  
Disease: Duplex and Color Ultrasonography, and Introduction to Noninvasive  
Vascular Technology  
Kauai, Hawaii  
January 30 - February 1991

"Hemodynamic Considerations"  
"Signal Processing and Spectrum Analysis"  
Noninvasive Doppler Ultrasound Course  
Hotel Hershey  
Hershey, Pennsylvania  
February 28, 1991

"Management of Diabetic Foot Infections"  
Visiting Professor, The Reading Hospital and Medical Center  
Reading, Pennsylvania  
March 13, 1991

"Venous Physiology and Techniques of Testing"  
"Anatomy, Physiology and Clinical Features of Carotid Disease"  
"Accreditation of Vascular Labs"  
Regional Vascular Education Course  
Society of Vascular Technology/North Carolina Vascular Technologists  
Chapel Hill, North Carolina  
March 16-17, 1991

"What Comprises a Complete Noninvasive Peripheral Arterial Exam-1991"  
"Evaluation of Thoracic Outlet Syndrome"  
"Update on National Vascular Laboratory Accreditation"  
The Seventh National Symposium on Noninvasive Diagnosis of Vascular Disease  
St. John's Mercy Medical Center  
St. Louis, Missouri  
April 17-19, 1991

"Status of Vascular Lab Accreditation"  
"Blood Preservation in Aortic Surgery"  
St. Louis Vascular Society  
St. Louis, Missouri  
April 19, 1991

"Physiologic Evaluation of Lower Extremity Surgery"  
Visiting Professor, St. Johns Hospital  
St. Louis, Missouri  
April 20, 1991

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Long-term Evaluation of Peripheral Vascular Reconstruction"  
"Current Diagnosis & Management of Venous Thrombosis"  
Sixth Annual Vascular Conference on Advances in Vascular Surgery  
University of Tennessee College of Medicine  
Knoxville, Tennessee  
April 26, 1991

"The Use and Abuse of the Vascular Lab"  
Panel Discussion, Annual Meeting, Eastern Vascular Society  
Pittsburgh, Pennsylvania  
May 3, 1991

"Flow Disturbances - Downstream Propagation Distance and Sensitivity to the  
Degree of Disease - Results from In Vivo Models"  
Symposium on Diagnostic Vascular Ultrasound  
Working Group - Vascular Ultrasound  
Bad Schauenburg, Switzerland  
May 7-9, 1991

"Intraoperative Hemodilution in Aortic Surgery"  
Visiting Professor, Lehigh Valley Hospital Center  
Allentown, Pennsylvania  
June 11, 1991

"The Expanded Applications of Duplex Ultrasonography in the Diagnosis of  
Peripheral Vascular Disease"  
University of South Carolina School of Medicine  
Richland Memorial Hospital  
Columbia, South Carolina  
June 29, 1991

"Vascular Laboratory Accreditation"  
"Surgical Treatment of Renal Artery Stenosis"  
Pacific Northwest Vascular Symposium  
Seattle, Washington  
September 12-13, 1991

"The Management of the Diabetic Foot"  
Visiting Professor, Mercy Hospital  
Pittsburgh, Pennsylvania  
September 28, 1991

"Duplex Scanning of the Extracranial Cardiovascular System"  
"Hemodynamic Considerations"  
"Signal Processing and Spectrum Analysis"  
Noninvasive Doppler Ultrasound Course  
Harrisburg Marriott  
Harrisburg, Pennsylvania  
November 7, 1991



BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Pre-op Assessment of Cardiac Risk"  
Combined Surgery/Anesthesia Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
November 20, 1991

"Duplex Evaluation of Abdominal Vasculature"  
Panel - "Current Status of Vascular Lab Accreditation"  
Symposium on New Advances in the Noninvasive Evaluation of Peripheral Vascular Disease  
Montefiore Medical Center and Albert Einstein College of Medicine  
New York, New York  
November 21, 1991

"Optimal Management Strategies to Prevent and Treat Wound Complications after Infrainguinal Bypasses"  
Symposium on Current Critical Problems and New Horizons in Vascular Surgery  
Montefiore Medical Center and Albert Einstein College of Medicine  
New York, New York  
November 22, 1991

"Hemodilution for Aortic Surgery"  
Cleveland Vascular Society  
Cleveland, Ohio  
January 29, 1992

"Extended Applications of Duplex Ultrasonography"  
Cardiology Update '92  
Texas Tech University Health Sciences Center  
El Paso, Texas  
February 7, 1992

"The Extended Use of Color Duplex Ultrasonography in the Diagnosis of Peripheral Vascular Disease"  
"Current Approaches to Surgical Management of Renal Artery Disease"  
Visiting Professor, West Virginia University  
Morgantown, West Virginia  
February 14-15, 1992

"Accreditation of the Vascular Lab"  
"Pitfalls in Renal Arterial Studies"  
"Intraoperative Assessment of Visceral Artery Reconstruction"  
San Diego Symposium on Vascular Diagnosis  
San Diego, California  
February 17-19, 1992

"Thrombolytic Therapy is a Viable Option for Management of Some Patients With Threatened Limbs"  
Panel on Current Controversies - Role of Thrombolysis in Vascular Surgery  
Abbott Labs Symposium  
San Diego, California  
February 19, 1992

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Noninvasive Vascular Diagnostic Procedures - Parts I and II"  
1992 Big Sky General Surgery Conference  
Big Sky, Montana  
February 24, 1992

"Duplex Scanning of the Extracranial Cerebrovascular System"  
"Hemodynamic Considerations"  
"Signal Processing and Spectrum Analysis"  
Noninvasive Doppler Ultrasound Course  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
March 12, 1992

"Management of the Diabetic Foot"  
Invited Speaker, SmithKline Beecham  
Wayne, Pennsylvania  
April 20, 1992

"Minimization of Wound Complications with Infrarenal Bypass Grafting"  
"Impact of Distal Bypass Grafting on Patterns of Amputation"  
"Strategies and Technical Features of Combined Aortic and Visceral Artery  
Reconstruction Including Renal Arteries"  
Annual Meeting - Royal Australasian College of Surgeons  
Canberra, Australia  
May 13-14, 1992

"Ruptured Abdominal Aortic Aneurysms"  
Panel Discussion, Annual Meeting - Royal Australasian College of Surgeons  
Canberra, Australia  
May 15, 1992

"Duplex Ultrasound of Mesenteric Vascular Disease"  
"Evaluation of Lower Extremity Vascular Disease"  
"Intraoperative Ultrasound"  
Visiting Professor, Yale University  
New Haven, Connecticut  
June 18, 1992

"Diabetes Mellitus and Its Complications in The Lower Extremity"  
Visiting Professor, University of California at Irvine  
Irvine, California  
July 14, 1992

"Infringuinal Operative Options for the Treatment of Claudication"  
"Surgical Management of Acute and Chronic Deep Vein Thrombosis"  
Southern New England Symposium on Peripheral Vascular Disease  
Goat Island, Rhode Island  
August 21-23, 1992

"Cerebral Ischemia: Pathophysiology and Current Treatment"  
11th Annual Lion-Hearted Lecture Series  
Penn State College of Medicine  
Harrisburg, Pennsylvania  
September 10, 1992

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Venous History and Physical"

"Clinical Manifestations of Venous Disease"

Vascular Physics and Technology Review, University of Vermont

Burlington, Vermont

September 19, 1992

"Clinical Features of Carotid Artery Disease"

"Clinical Features and Diagnosis of Mesenteric Arterial Insufficiency"

"Clinical Features and Diagnosis of Renovascular Hypertension"

"Clinical Features of Deep Vein Thrombosis"

"Postoperative Surveillance of Leg Bypass Grafts"

Advanced Technology Laboratories Color Doppler Course

Napa, California

October 9-11, 1992

"Duplex of Carotid Stenosis: Have the NASCET trials Changed the Diagnostic Criteria?"

"Current Diagnosis Techniques and Results of Renal Artery Stenosis"

"Diagnostic Criteria in Arterial Diagnosis: Using Duplex to Guide the Selection of Patients for Intervention Procedures"

Symposium - Color Doppler Update

Advanced Technology Laboratories

Hunt Valley, Maryland

October 31, 1992

"Suprarenal Aneurysms"

Annual Meeting, Society of Clinical Surgery

The Milton S. Hershey Medical Center

November 13, 1992

"Duplex Evaluation of Renal and Mesenteric Arteries"

Symposium on New Advances in the Noninvasive Evaluation of Peripheral Vascular Disease

Montefiore Medical Center/Albert Einstein College of Medicine

New York, New York

November 19, 1992

"Ischemic Gastroparesis: A Newly Recognized Manifestation of Visceral Ischemia"

Nineteenth Annual Symposium on Current Critical Problems and New Techniques in Vascular Surgery

Montefiore Medical Center/Albert Einstein College of Medicine

New York, New York

November 22, 1992

"Thrombolytic Therapy in Peripheral Vascular Disease"

Surgery Grand Rounds

The Milton S. Hershey Medical Center

Hershey, Pennsylvania

December 16, 1992

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Peripheral Arterial Disease"

"Monitoring of Therapeutic Outcome: Renal, Mesenteric"

"Accreditation of Vascular Laboratories"

Fourth International Symposium on Diagnostic Approaches to Vascular Disease:

Duplex and Color Ultrasonography

Palm Springs, California

January 24-29, 1993

"The Diabetic Foot"

Surgery Grand Rounds

The Milton S. Hershey Medical Center

Hershey, Pennsylvania

February 17, 1993

"Anatomy, Pathophysiology and Clinical Presentation of Mesenteric Arterial Disease"

"Clinical Features of Renal Artery Occlusive Disease"

"Pathophysiology and Clinical Features of Deep Venous Thrombosis"

"Indications for Duplex and Color Flow Imaging for the Evaluation of the Lower Extremity Arterial System"

Vascular Seminar

San Juan, Puerto Rico

February 21, 1993

"1993 Evaluation of the Carotid Bifurcation - Indications and Appropriate Equipment"

"Peripheral Arterial Evaluation in 1993 - Indications for Limited vs. Complete Examination"

"The Place of Vascular Laboratory in our Present Cost Restrained Environment - Uses and Abuses of the Vascular Laboratory"

Eighth National Symposium on Noninvasive Diagnosis of Vascular Disease

St. John's Mercy Medical Center

St. Louis, Missouri

March 31-April 2, 1993

"Carotid Artery Disease"

"Evaluation of Chronic Venous Thrombosis"

"Accreditation for the Vascular Lab"

Symposium on Advances in Vascular Ultrasound: Future Directions

Tucson, Arizona

April 3-4, 1993

"Strategies Involved in Surgery of the Suprarenal Aorta"

"The Role of Isovolemic Hemodilution in Aortic Surgery"

Visiting Professor, University of Cincinnati

April 6-7, 1993

"The Patient has a Diabetic Foot Infection - What Do I Do?"

"Noninvasive Evaluation of the Patient With Peripheral Vascular Disease"

Symposium on Vascular Disease: Current Diagnosis and Treatment

Philadelphia, Pennsylvania

April 16, 1993

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Vascular Laboratory Testing: New Standards, New Methods"  
Postgraduate Course, Annual Spring Meeting  
American College of Surgeons  
Montreal, Canada  
April 27, 1993

"The Role of Carotid Testing"  
"Noninvasive Diagnosis of DVT: Impact on Decision Making"  
"Duplex Sonography of the Mesenteric Vessels"  
"Evaluation of Suspected Renovascular Hypertension"  
18th Annual Spring Diagnostic Ultrasound Conference  
Los Angeles Radiological Society  
Los Angeles, California  
May 14-16, 1993

"The Evolution and Application of Noninvasive Testing Methods to the Diagnosis  
of Arterial and Venous Disease"  
Visiting Professor - Altoona Hospital  
Altoona, Pennsylvania  
May 20, 1993

"Duplex Ultrasonography of the Visceral Branches of the Abdominal Aorta:  
Current Status"  
Invited Speaker - Australasian Society for Ultrasound in Medicine  
Melbourne, Australia  
September 3, 1993

"Clinical Features of Renal Artery Occlusive Disease"  
Ultrasound Course  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
September 23, 1993

"Peripheral Vascular Disease - Medical and Surgical Management"  
Medicine Grand Rounds  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
October 21, 1993

"Color Flow Doppler"  
American Heart Association Cardiovascular Conference - New Diagnostic  
Techniques in Vascular Disease  
Atlanta, Georgia  
November 8, 1993

"Management of Carotid Artery Disease - 1993"  
Current Concepts Lecture Series - Family Medicine  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
November 30, 1993

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

INVITED PROFESSORSHIPS AND LECTURES (continued):

"Cerebrovascular Disease: Current Status"  
Symposium on Current Management of Aortic and Peripheral Vascular Disease  
Shadyside Hospital  
Pittsburgh, Pennsylvania  
December 4, 1993

"Treatment of Diabetic Foot Infections"  
Mercy Hospital  
Baltimore, Maryland  
December 9, 1993

"Vascular Disorders"  
University of Maryland  
Baltimore, Maryland  
December 9, 1993

"Evaluation and Results of Renovascular Revascularization"  
"Vascular Laboratory Accreditation and Reaccreditation"  
"Carotid Duplex Scanning"  
Symposium on Advances in Diagnosis and Treatment: Renals, Aortic and  
Mesenteric Vascular Disorders  
Sewickley Valley Hospital  
Pittsburgh, Pennsylvania  
March 9, 1994

"Venous Thrombosis - The Case for Anticoagulant Therapy"  
"Carotid Disease - Current Role of Surgical Treatment"  
Symposium on Current Management Strategies for Peripheral Vascular Disease  
The Pennsylvania State University and Abbott Laboratories  
Toftrees Resort  
State College, Pennsylvania  
April 30, 1994

"Issues and Controversies in the Treatment of Carotid Artery Disease"  
Continuing Education Lecture Series  
Division of Neurosurgery  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
May 20, 1994

BRIAN L. THIELE, M.D.  
CURRICULUM VITAE

RESEARCH FUNDING:

"Applied Dynamics of Atherosclerosis"  
V.A. Merit Review  
VA Hospital  
Seattle, Washington  
1977-1983

"Evaluation of Prostaglandin E<sub>1</sub> in the  
Treatment of Ischemic Ulceration"  
Grant, The UpJohn Company  
University of Washington  
1979-1981

Asymptomatic Carotid Artery Stenosis Study -  
Multicenter - NIH Grant  
The Milton S. Hershey Medical Center  
Hershey, Pennsylvania  
1987-1992

COLLABORATIVE RESEARCH PROGRAMS:

"The Natural History of Acute Venous  
Thrombosis"  
NIH Grant  
Principal Investigator: D. Eugene Strandness,  
M.D.  
University of Washington

"Noninvasive Evaluation of Carotid Disease"  
NIH Grant  
Principal Investigator: D. Eugene Strandness,  
M.D.  
University of Washington

Smooth Muscle Cell Activity in Human  
Atherosclerosis"  
NIH Grant  
Principal Investigator: Russell Ross, M.D.  
University of Washington