

David Elliot Eisenbud, M. D., M.B.A.

I am a vascular surgeon with particular expertise in wound evaluation and management; also an experienced early stage life sciences entrepreneur and investor with proven skills in private equity fund raising; finance; project management; regulatory affairs; clinical trials; and managing organizational growth.

2007-present Medical Director, Overlook Hospital Wound Healing Program, a 5 day per week inpatient and outpatient disease management program including hyperbaric medicine. Over the period of my directorship patient volume has tripled; we have begun participation in clinical research; and we have initiated an annual one day symposium featuring a panel of the nation's experts in healing.

1995-present Managing Partner, Millburn Surgical Associates (Millburn, NJ); multi-physician group performing general and vascular surgery, noninvasive vascular laboratory evaluations, and wound care. Supervise all aspects of operations, finance and strategic planning. I have been a member of the group since 1988 and a partner since 1991.

1995-present Consultant to multiple biotechnology and medical device companies in the areas of strategic planning, product development, clinical testing and marketing. Past and present clients include Johnson & Johnson; Medtronic; Advanced BioHealing; Medline; Net Health Systems; Organogenesis; Medtronic; WL Gore; Celleration; CoDa Therapeutics.

2003-present Founder of Advanced BioHealing, Inc., a medical device firm commercializing cell-based wound healing therapies. 2003-2005 President & CEO; 2006-7 Executive Vice President and Chief Medical Officer. Currently serving as a consultant and Medical Director.

- Raised \$2.4 million Series A angel and \$8.0 million Series B institutional (Canaan Partners and Wheatley Partners) financing as CEO; helped to raise an additional \$25.5 million Series C round as EVP

- Wrote and had approved three Investigational Device Exemptions (IDEs)
- Designed, recruited personnel and clinical sites, supervised and was Medical Monitor of a 9-site pilot stage medical device registration trial
- Currently Medical Monitor of the DEVO trial of Dermagraft for treating venous leg ulcers (>50 sites, 500 patients)
- Project leader on the cGMP manufacturing of cell banks and a cell-containing wound healing product
- As Executive Vice President conducted the due diligence on acquiring Dermagraft and TransCyte from Smith & Nephew and hired the first 20 people to staff ABH's factory to manufacture these products
- As Chief Medical Officer I presided over Dermagraft, a marketed wound healing device, supporting sales reps in their calls on physicians; investigating customer complaints; serving on various quality control committees; and interacting with FDA
- ABH grew from a one-person virtual company in late 2003 to a 300+ person significant player in the wound care space with revenue in excess of \$120 million annually by 2010

- 2000-2004 VP—Strategic Planning for TyRx Pharma, Inc (NewBrunswick, NJ), a drug-delivery and tissue engineering company commercializing products based upon its proprietary base of novel resorbable polymers.
- Raised \$8 million over four years by giving presentations at venture capital and angel investor conferences
 - Drove the application of the company's polymer technology to one drug-delivery application and one medical device (cardiovascular stent) application
 - With the President, created a milestone- and royalty-based agreement with a larger medical device company for stent development that brought TyRx over \$7 million in revenue and equity investment
- 2003-2005 Director, Newark Beth Israel Medical Center Wound & Hyperbaric Oxygen Center
- 2002-2003 Chief Executive Officer, Institute for the Advancement of Wound Management (providing educational seminars in wound care.)
- 2003-2004 VP—Strategic Planning for Seedlings Life Science Ventures (New York, NY,) a medical device company developing intellectual property in the areas of urology and drug delivery.
- 2000-2004 Consultant to Ortec International (NY, NY), a tissue engineering and wound healing company, in the areas of marketing, strategic planning and regulatory affairs; significantly involved in securing two FDA approvals and submitting a third PMA which is pending.
- 1999 Consultant to Digital Operator Consultant Systems, Inc.(NY, NY), a medical software company, in the area of strategic planning and finance. Wrote the initial business plan and secured first round of angel financing.

- 1998-2000 Consultant to M. J. Whitman Inc. (NY, NY), performing due diligence on early stage medical companies to assist in investment decisions.
- 1997-1998 Consultant to the Vice President of Strategic Planning at Pfizer, Inc. (NY, NY) evaluating several new medical device acquisitions and assisting marketing of the Schneider stent.
- 1997 Investor Relations consultant to Pharmanetics Inc. (Raleigh, NC); major role in writing all the press releases and the 1997 annual report.
- 1993-2003 Founder and Director, Union Hospital Wound Management Center, Union, New Jersey
- 1990 Co-founder of Active Nursing Associates (Perth Amboy, NJ), a firm providing private home nursing services.
- 1987-1989 Founder and Executive Vice President, GEO International (NY, NY), a wholesale manufacturer of carpeting, lighting and furniture.
- 1987-1989 Co-founder and Secretary/Treasurer of Archetype Gallery (NY, NY), an art-furniture gallery.

EDUCATION

- 1997 Master of Business Administration (Finance), Stern School of Business, New York University.
- 1981 Doctor of Medicine, Pritzker School of Medicine, University of Chicago.
- 1979 Master of Science (Chemistry), University of Chicago.
- 1976 Bachelor of Science (Chemistry), Yale University.

RESIDENCIES AND FELLOWSHIPS

- 1986-1988 Fellowship in Vascular Surgery, Newark Beth Israel Medical Center, Newark, New Jersey.
- 1981-1986 Residency in General Surgery, Cornell University Medical Center and Memorial Sloan Kettering Cancer Institute, New York, New York.

HOSPITAL APPOINTMENTS

Newark Beth Israel Medical Center, Newark, NJ

Overlook Hospital, Summit, NJ

CLINICAL RESEARCH ACTIVITIES

FDA Registration Studies:

2005 Protocol Design, IDE submission, Medical Monitor and Sponsor: An Initial Evaluation of the Safety and Activity of Celaderm™ Treatment Regimens in Healing Venous Leg Ulcers (Advanced BioHealing, Inc.)

2009 Medical Monitor: A Prospective, Multi-center, Randomized, Controlled Clinical Investigation of Dermagraft® in Subjects with Venous Leg Ulcers DEVO-Trial (Advanced BioHealing, Inc.)

2009 Principal Investigator: A Phase II Randomized, Double Blind, Placebo Controlled Dose Finding Study Investigating the Efficacy of HP802-247 in Venous Leg Ulcers (Healthpoint, Ltd.)

2010 Principal Investigator: A Multi-Center, Randomized, Controlled Clinical Trial to Evaluate the Safety and Effectiveness of Integra® Dermal Regeneration Template for the Treatment of Neuropathic Diabetic Foot Ulcers (Integra LifeSciences Corp.)

2010 Wrote and achieved approval of IND, Principal Investigator: Trial of compassionate use of HP802-247 to treat venous leg ulcers in subjects who have failed multiple other healing technologies (Healthpoint, Ltd.)

2010 Medical Monitor: A Prospective, Multi-center, Longitudinal, Cohort Study of Dermagraft® in Subjects with Venous Leg Ulcers: A Long-term Follow-up to the DEVO-Trial (Advanced BioHealing, Inc.)

Non-FDA Registration Studies:

2009 Principal Investigator: Accuracy and prediction of healing using laser-assisted three-dimensional digital wound measurement vs. ordinary clinical wound measurements (Aranz Medical Ltd.)

2009 Principal Investigator: A prospective, two-center, randomized, crossover clinical investigation of Marathon® and Cavilon™ to treat peri-wound maceration in subjects with venous leg ulcers (Medline Industries, Inc.)

AWARDS AND APPOINTMENTS

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| 2008 | Appointed Chairman, Wound Healing and Infection Committee, Congressionally Directed Medical Research Programs (CDMRP) of the Department of Defense |
| 2008 | Appointed to Peer Review Board, Journal of the College of Certified Wound Specialists |
| 2006-present | Wound Healing Society Membership Committee |
| 2003 | Appointed to Peer Review Board, Advances in Skin and Wound Care |
| 2002 | Elected President of the American Academy of Wound Management |
| 2001 | Voted Vice President of the American Academy of Wound Management |
| 2000 | Elected to the Board of Directors of the American Academy of Wound Management |
| 1999 | Elected Managing Partner of Millburn Surgical Associates |

- 1993 Designated a Stern Scholar for maintaining a GPA of 3.7 through the first half of the MBA program
- 1976 Awarded full scholarship for medical and graduate study under the Medical Scientist Training Program at the University of Chicago
- 1976 Graduated Cum Laude, with Honors in Chemistry, from Yale University

LICENSURE AND CERTIFICATION

- 1981 MD; New York: 153185 (expired)
- 1986 MD: New Jersey: 48091
- 1988 American Board of Surgery; recertified 1998, 2007
- 1997 Registered Vascular Technologist
- 1998 Fellow, American College of Surgery
- 1998 Certified Wound Specialist, recertified 2007
- 2007 Undersea and Hyperbaric Medicine Society
- 2009 Advanced Cardiac Life Support, American Heart Association

SOCIETIES

American College of Surgeons

Vascular Society of New Jersey

Association of Registered Diagnostic Medical Sonographers

American Academy of Wound Management

Wound Healing Society

LECTURES AND PRESENTATIONS

1. Benner S, Eisenbud D, Koslow E: A refined technique for the isolation and detection of low-level tritium in environmental specimens. Presented at the National Science Foundation Annual Meeting, Washington, D. C., December, 1973.
2. Eisenbud D, Block GE, Moossa AB: Management of the perineal wound following abdominoperineal resection of the rectum for inflammatory bowel disease. Presented at the Chicago Surgical Society Annual Meeting, Chicago, May, 1981.
3. Eisenbud D, Parsonnet V, Wiktor D, Ferrara-Ryan M, Villanueva A: A polyester intravascular stent for maintaining luminal patency. Presented at the Texas Heart Institute Interventions 1987 Meeting, October, 1987.
4. Eisenbud D, Brener B, Tierney T, Risch D, Creighton D: Spectral analysis in the diagnosis of carotid disease. Presented at the Annual Vascular Fellows Meeting, New York, New York, April, 1987.
5. Eisenbud D, Brener BJ, Parsonnet V, Brief DK, Alpert J, Goldenkranz R. Acute popliteal artery occlusion: lytic therapy followed by saphenous vein bypass. Presented at the Tenth Annual Meeting of the New Jersey Vascular Society, Newark, NJ, March, 1988.
6. Cross FL, Brener BJ, Creighton D, Brief DK, Alpert J, Eisenbud DE, Huston J, Parsonnet V: Femorofemoral bypass: The operation of choice for unilateral iliac occlusion? Presented at the Fifth Annual Vascular Fellows Meeting, New York, New York, April, 1989.
7. Trent MS, Parsonnet V, Wiktor D, Shoenfeld R, Brener BJ, Eisenbud DE, Ryan MF: A balloon-expandable intravascular stent for obliterating experimental aortic dissection. Presented at the 43rd Annual Meeting of the Society for Vascular Surgery, New York, New York, June, 1989.
8. Brener BJ, Cross F, Brief DK, Alpert J, Goldenkranz RJ, Eisenbud DE, Huston J, Parsonnet V, Creighton D: Comparison of aortobifemoral and femorofemoral bypass for unilateral iliac disease. Presented at the 16th Annual Symposium on Current Critical Problems and New Horizons in Vascular Surgery, New York, New York, November, 1989.
9. Eisenbud D: Intra-arterial lytic therapy. Presented at the American College of Surgeons Meeting, New Jersey Chapter, Parsippany, New Jersey, December, 1989.
10. Eisenbud E, Brener JB, Shoenfeld R, Creighton D, Goldenkranz RJ, Brief DK, Alpert J, Huston J, Wozick J, Cordero P, Novick A, Krishnan UR, Parsonnet V: Treatment of acute vascular occlusions with intra-arterial

- urokinase. Presented at the 18th Annual Meeting of the Society for Clinical Vascular Society, Palm Desert, California, March 8, 1990.
11. Cross FL, Brener BJ, Alpert J, Brief DK, Goldenkranz RJ, Eisenbud DE, Huston J, Parsonnet V: Unusual aortic and femoral aneurysms in a 31 year old. Presented at the 12th Annual Meeting of the Vascular Society of New Jersey, East Orange, New Jersey, March 21, 1990.
 12. Shoenfeld R, Trent M, Parsonnet V, Novick A, Cross F, Wiktor D, Brener B, Eisenbud D, Ryan M, Villanueva A: Current status of experimental percutaneous aortic stenting. Presented at Radiologie Interventionnelle en Pathologie Cardio-vasculaire II Congres International, Toulouse, France, March, 1990.
 13. Eisenbud D, Brener B, Shoenfeld R, Parsonnet V, Brief D, Alpert J, Goldenkranz R, Nozick J, Cordero P, Creighton D: Urokinase treatment of acute vascular occlusions. Presented at the Annual Meeting of the Society for Clinical Vascular Surgery, Palm Springs, California, April, 1990.
 14. Lopyan K, Eisenbud DE, Cross FL, Brener BJ, Ferrara-Ryan M, Villanueva A, Alpert J, Brief DK, Goldenkranz R, Huston J, Parsonnet V: Does endothelial cell seeding inhibit neointimal hyperplasia in arterio-venous grafts? Presented at the Sixty Annual Vascular Fellows Meeting, New York, New York, April, 1990.
 15. Cross FL, Brener BJ, Alpert J, Brief DK, Goldenkranz RJ, Eisenbud D, Huston J, Parsonnet V: What is the operation of choice for unilateral iliac artery occlusion? Presented at the Fourth Annual Meeting of the Eastern Vascular Society, Boston, Massachusetts, May, 1990.
 16. Lopyan KS, Cross FL, Brener BJ, Eisenbud DE, Shoenfeld R, Ferrara-Ryan M, Villanueva A: Use of the Medtronic-Wiktor stent in the venous system. Presented at the 76th Scientific Assembly and Annual Meeting of the Radiology Society of North America, Chicago, Illinois, November 25-30, 1990.
 17. Eisenbud D: Peripheral vascular disease - diagnosis, bypass surgery and levels of amputation. Presented at Prosthetics: A Comprehensive Course, Kessler Institute for Rehabilitation, West Orange, New Jersey, February 1991.
 18. Cluley SR, Brener BJ, Hollier L, Eisenbud DE, Ferrara-Ryan M, Villanueva A, Creighton D, Lopyan K, Alpert J, Brief DK, Goldenkranz RJ, Huston J, Parsonnet V, Vilkomerson D: Ultrasound guided balloon angioplasty: A new technique for vascular surgeons. Presented at the 13th Annual Meeting of the Vascular Society of New Jersey, Camden, New Jersey, March 20, 1991.
 19. Cluley SR, Brener BJ, Hollier L, Eisenbud DE, Ferrara-Ryan M, Villaneuva A, Creighton D, Lopyan K, Alpert J, Brief DK, Goldenkranz RJ, Huston J, Parsonnet V, Vilkomerson D: Ultrasound guided balloon angioplasty: A

- new technique. Presented at the 7th Annual Vascular Fellows Abstract Presentation, New York, New York, March 28, 1991.
20. Cluley SR, Brener BJ, Hollier LH, Eisenbud DE, Ferrara-Ryan M, Villanueva A, Parsonnet V, Vilkomerson D. Presented at the 19th Annual Symposium on Vascular Surgery of the Society for Clinical Vascular Surgery, Kauai, Hawaii, April 3-6, 1991.
 21. Hermans H, Eisenbud DE, Cluley S, Brener BJ, Russel H, Villanueva A, Ferrara-Ryan M, Parsonnet V: Valvular function and prostacyclin production following clot lysis and balloon thrombectomy in thrombosed canine veins. Presented at the Annual Meeting of the American Venous Forum, Coronado, California, February 26-28, 1992.
 22. Brener BJ, Cluley SC, Hollier LH, Eisenbud DE, Ferrara-Ryan M, Villanueva A. Parsonnet V: Ultrasound-guided balloon angioplasty. Presented at the 10th Annual Meeting of the Association of International Vascular Surgeons, British Columbia, Canada, February 29-March 7, 1992.
 23. Eisenbud DE, Hermans H, Brener BJ, Cluley S, Brief DK, Alpert J, Goldenkranz R, Huston J, Parsonnet V: Angiography, ultrasound and thrombolysis focus and enhance the management of acute popliteal occlusion. Presented at the Fourteenth Annual Meeting of the Vascular Society of New Jersey, Englewood, New Jersey, March 11, 1992.
 24. Hermans H, Eisenbud DE, Cluley S, Brener BJ, Villanueva A, Ferrara-Ryan M, Parsonnet V: Valvular function and prostacyclin following clot lysis and balloon thrombectomy in thrombosed canine veins. Presented at the Fourteenth Annual Meeting of the Vascular Society of New Jersey, Englewood, New Jersey, March 11, 1992.
 25. Hermans H, Eisenbud DE, Cluley S, Brener BJ, Villanueva A, Ferrara-Ryan M, Parsonnet V: Valvular function and prostacyclin following clot lysis and balloon thrombectomy in thrombosed canine veins. Presented at the Eighth Annual Vascular Abstract Presentation, New York City, New York, April 16, 1992.
 26. Cluley SR, Brener BJ, Hollier L, Brief DK, Alpert J, Goldenkranz R, Eisenbud D, Huston J, Parsonnet V, Ferrara-Ryan M. Ultrasound can be used to guide and monitor balloon angioplasty. (Abstract) To be presented at the Forty-Sixth Annual Meeting of the Society for Vascular Surgery, Chicago, Illinois, June 8-10, 1992.
 27. Maeuser H, Eisenbud D, Harari D, Shen D, Parsonnet V, Brener BJ, Gotz D, Coun D, McKay D: Heart rate variability confirms diminished baroreceptor function in patients with carotid atherosclerosis, Presented at the Ninth Annual Vascular Abstract Presentations, New York, New York, April 15, 1993.

28. Shoenfeld R, Hermans H, Novick A, Brener B, Eisenbud D, Cordero P, Mody S, Parsonnet V: Stenting of proximal venous obstructions to maintain hemodialysis access. Presented at the Eastern Vascular Society Seventh Annual Meeting, Philadelphia, Pennsylvania, April 29-May 2, 1993.
29. Eisenbud DE: The art of healing. Presented at the monthly meeting of Eldermed, Union, New Jersey, February 23, 1994.
30. Maeuser H, Goldenkranz RJ, Brener BJ, Campbell A, Alpert J, Brief DK, Eisenbud DE, Huston J, Hertz S, Parsonnet V: Chondrosarcoma of the aorta: A case report. Presented at the 16th Annual Meeting of the Vascular Society of New Jersey, Camden, New Jersey, March 16, 1994.
31. Eisenbud DE: Evaluation and management of chronic wounds. Presented at the spring meeting of the New Jersey Society of Podiatric Surgeons, Mountainside, New Jersey, June 14, 1994.
32. Manicone JA, Yehia KA, Maeuser H, Hermans H, Eisenbud D, Hertz S, Brener BJ, Parsonnet V: The effect of thrombus on the vascular endothelium of arterialized vein grafts. Presented at the 11th Annual Vascular Abstract presentations, New York, New York, April 6, 1995.
33. Rose DA, Eisenbud DE, Hertz SM, Brener BJ, Manicone JA, Marak J, Villanueva A, Creighton D, Parsonnet V: Do Endothelial cells recover function after exposure to thrombus? Presented at the 18th Annual Meeting of the Vascular Society of New Jersey, Englewood, New Jersey, March 13, 1996.
34. Rose DA, Hertz SM, Eisenbud DE, Brener BJ, Manicone JA, Marak J, Villanueva A, Creighton D, Parsonnet V: Endothelial cell adaptation to chronic thrombosis. Presented at the Society for Clinical Vascular Surgery 25th Annual Symposium on Vascular Surgery, Naples, Florida, March 12-16, 1997.
35. Multispectral imaging of chronic open wounds. Presented at New York University Medical Center, November, 1996.
36. Endothelial seeding to prevent intimal hyperplasia. Presented at the 1997 New Horizons in Vascular Surgery, New York, November, 1996.
37. Current prevention and treatment of pressure ulcers. Presented in Union, New Jersey, April, 1997.
38. Ohajekwe O, Hertz S, Brener B, Shoenfeld R, Novick A, Mast H, Goldenkranz RJ, Eisenbud DE, Manicone J, Rose D, Creighton D, Marak J, Villanueva A, Parsonnet V: Long-term follow-up of central venous stents inserted to maintain hemodialysis access. Presented at the 19th Annual Meeting of the Vascular Society of New Jersey, University of Medicine & Dentistry - New Jersey Medical School, Newark, New Jersey, April 2, 1997.

39. Invited Discussant: Thompson PN, Onopchenko A, Previti FW: The retroperitoneal approach can facilitate complex re-do aortic surgery: Two cases presented. Presented at the 19th Annual Meeting of the Vascular Society of New Jersey, University of Medicine & Dentistry - New Jersey Medical School, Newark, New Jersey, April 2, 1997.
40. Ohajekwe O, Hertz S, Brener B, Shoenfeld R, Novick A, Mast H, Goldenkranz RJ, Eisenbud DE, Manicone J, Rose D, Creighton D, Marak J, Villanueva A, Parsonnet V: Long-term follow-up of central venous stents inserted to maintain hemodialysis access. Presented at the 13th Annual Vascular Abstract presentations, New York, New York, April 10, 1997.
41. Eisenbud DE. Celaderm pilot trial: Protocol, Procedures. Presented at the Investigator's meeting for the pilot trial of Celaderm to treat partial thickness burns(Las Vegas, NV, October 15, 2005.)
42. Modern Evaluation and Management of Wounds. Grand Rounds, Jersey City Medical Center, Jersey City, NJ. October 15, 2006.
43. Development of a New Generation Biologic Dressing. 7th Annual Wound Healing: Science and Industry, St. Thomas, VI, December 8, 2006.
44. Eisenbud DE. Celaderm to treat venous leg ulcers: a pilot study. Presented at the Investigator's meeting, Short Hills, NJ, February, 2006.
45. Founding and Growth of a Start-Up Company in the Cell-Based Therapeutic Arena. 4th Annual Commercialisation of Tissue Engineering & Cell Therapy, London, UK.
46. Armstrong DG, Eisenbud DE, Cardinal M et al. Serial surgical debridement increases the healing rates of chronic lower extremity wounds. Poster presentation, A Team Approach to Diabetic Limb Salvage, September 27-29, 2007, Washington, DC.
47. Cardinal M, Eisenbud DE, Phillips T, Harding K. Early healing rates and wound area measurements are reliable predictors of later complete wound closure. Poster presentation, A Team Approach to Diabetic Limb Salvage, September 27-29, 2007, Washington, DC.
48. Cardinal ME, Eisenbud DE, Armstrong D. Wound shape geometry predicts eventual wound healing. Submitted to the Wound Healing Society for inclusion in the Spring, 2008 meeting.
49. Eisenbud DE. Enhancing healing rates in dermal regeneration. 8th Annual Wound Healing: Science and Industry (December 15, 2007, St. Thomas, VI.)
50. Eisenbud DE. Dental applications of hyperbaric oxygen therapy. Oral Surgery Grand Rounds, Overlook Hospital, January 21, 2008.

51. Cardinal ME, Eisenbud DE Phillips T et al. Nonlinear modeling of venous leg ulcer healing rates. Poster presentation at DF Con, Los Angeles, CA, March 15, 2008.
52. Cardinal M, Eisenbud DE, Armstrong DG. Wound shape geometry measurements predict eventual wound healing. Poster presentation at DF Con, Los Angeles, CA, March 15, 2008.
53. Zelen CM, Eisenbud DE, Cardinal MH. Successful healing in a consecutive series of diabetic foot ulcers (DFUs) treated with Dermagraft. Poster presentation at DF Con, Los Angeles, CA, March, 2008.
54. Program Director. First Annual Atlantic Health Symposium On Wound Healing & Hyperbaric Medicine (November 7, 2008; Summit, NJ.) One day program, five speakers, 5 CMEs.
55. Eisenbud D, Schultz G. The Scientific and Clinical Evidence for the TenderWet Dressing. Webinar. February 19, 2008; Chicago, IL.
56. Eisenbud D, Hanft J. Value and technique of debridement. DEVO (Dermagraft Venous Leg Ulcer Study) Investigators' Meeting, February 28, 2009, La Jolla, CA.
57. Eisenbud DE. Low frequency ultrasound wound treatment should be available to Medicare beneficiaries. Highmark CAC meeting re: Draft LCD DL 27547, Wound Care. June 2, 2009; Camp Hill, PA.
58. Eisenbud DE, Chakravarthy D. Skin maceration: Clinical settings & significance, prevention & treatment. Webinar. June 25, 2009; Chicago, IL.
59. Program Director. Second Annual Overlook Symposium On Wound Healing & Hyperbaric Medicine (October 16, 2009; Summit, NJ.) One day program, six speakers, 5 CMEs.
60. Eisenbud DE. Low frequency ultrasound stimulates the healing of recalcitrant venous leg ulcers: Case studies. Poster presentation at the Clinical Symposium on Advances in Skin and Wound Care. October 22, 2009, San Antonio, TX.
61. Eisenbud DE. Basic wound evaluation and management. Monthly meeting of the Family Practice Department, Overlook Hospital, Summit, NJ, November, 2009.
62. Eisenbud DE. Peri-venous ulcer skin maceration: clinical significance and prevention. Poster presentation at the Clinical Symposium on Advances in Skin and Wound Care. October 22, 2009, San Antonio, TX.
63. Eisenbud DE. Recent advances in wound management: emphasis on bioengineered skins. Mather VA, Sacramento, CA, December 8, 2009.
64. Eisenbud DE. The DEVO trial: Protocol pitfalls and caveats. Investigator meeting. Fontainebleu Hotel, Miami, FL, May 15, 2010.

65. Eisenbud DE. Debridement, wound measurement and other elements of basic wound care. DEVO Investigator Meeting, Krakow, Poland, May 31, 2010.
66. Eisenbud DE. Advanced concepts in wound healing. Internal Medicine Grand Rounds, Overlook Hospital, Summit, NJ, September 23, 2010.
67. Program Director. Third Annual Overlook Hospital Symposium On Wound Healing & Hyperbaric Medicine (October 29, 2010; Grand Summit Hotel, Summit, NJ.) One day program, five speakers, 5 CMEs.

PUBLICATIONS

1. Benner S, Eisenbud D, Koslow E: A refined technique for the isolation and detection of low-level tritium in environmental specimens. The Annual Compendium of Research Activities of the National Science Foundation, December, 1973.
2. Eisenbud D: The mystery of enzyme action. *Yale Scientific* 1976;51:6-8.
3. Eisenbud D: The synthesis and properties of S-(-)trans- cinnamoyl-alpha-mercapto-beta-phenyl-propionic acid. Master's thesis, University of Chicago, March, 1979.
4. Eisenbud D, Block GE, Moossa AR: Management of the perincol wound following abdomino-perincol resection of the rectum for inflammatory bowel disease. *Surg Gastroenterol* 1982;1:115-121.
5. Eisenbud D, Parsonnet V, Wiktor D, Ferrara-Ryan M, Villanueva A: A polyester intravascular stent for maintaining luminal patency. *Texas Heart Inst J* 1988;15:12 -15.
6. Brener BJ, Eisenbud DE, Brief DK, Alpert J, Goldenkranz R, Parsonnet V, Creighton D: Utility of femoro-femoral crossover grafts. In Bergan JJ, Yao JST (Eds.), *Aortic Surgery*, Philadelphia, W.B. Saunders Co., 1989, 423-8.
7. Brener BJ, Cross F, Brief DK, Alpert J, Goldenkranz RJ, Eisenbud DE, Huston J, Parsonnet V, Creighton D: Comparison of aortobifemoral and femoralfemoral bypasses for iliac artery occlusive disease. In Veith F (Ed.), *Current Critical Problems in Vascular Surgery, Volume 2*, St. Louis, Quality Medical Publishers, 1990, 255-264.
8. Trent MS, Parsonnet V, Shoenfeld R, Eisenbud DE, Novick AS, Campbell AY, Ferrara-Ryan M, Villanueva A: A balloon- expandable intravascular stent for obliterating experimental aortic dissection. *J Vasc Surg* 1990;11:707-717.
9. Eisenbud DE, Brener BJ, Shoenfeld R, Creighton D, Goldenkranz RJ, Brief DK, Alpert J, Huston J, Novick A, Krishnan UR, Parsonnet V, Nozick

- J, Cordero P: Treatment of acute vascular occlusions with intra-arterial urokinase. *Am J Surg* 1990;160:160-165.
10. Eisenbud DE: Vascular surgery and cardiac pacing. *New Jersey Medicine* 1990;87:923-6.
 11. Lopyan KS, Cross FL, Shoenfeld R, Brener BJ, Eisenbud DE, Ferrara-Ryan M, Villanueva A, Parsonnet V: Use of the Medtronic-Wiktor stent in the venous system (Abstract). *Radiology Suppl.* 1990;177(P):151.
 12. Brief DK, Brener BJ, Goldenkranz R, Alpert J, Parsonnet V, Huston J, Eisenbud D: Defining the role of subtotal colectomy in the treatment of carcinoma of the colon. *Ann Surg* 213:248-252, 1991.
 13. Brener BJ, Parsonnet V, Eisenbud DE, Cross FL, Trent M, Lopyan K, Ferrara-Ryan M, Villanueva A: The Medtronic-Wiktor stent: A new balloon-expandable, flexible, tantalum stent in Greenhalgh R, Hollier L (Eds.), *The Maintenance of Arterial Reconstruction*, London, W.B. Saunders Co., 1991, Chapter 26.
 14. Lopyan K, Eisenbud DE, Cross FL, Brener BJ, Ferrara-Ryan M, Villanueva A, Alpert J, Brief DK, Goldenkranz R, Huston J, Parsonnet V: Does endothelial cell seeding inhibit neointimal hyperplasia in arterio-venous grafts? Submitted to *Am J Surg*.
 15. Cluley SR, Brener BJ, Hollier LH, Eisenbud DE, Ferrara-Ryan M, Villanueva A, Parsonnet V, Vilkomerson D: Ultrasound guided balloon angioplasty is a new technique for vascular surgeons. *Am J Surg* 162:117-121, 1991.
 16. Brener BJ, Brief DK, Alpert J, Goldenkranz RJ, Eisenbud DE, Huston J, Parsonnet V, Creighton D, Cross F: Pontages Croises Femoro-femorales: Indications et Resultats Acutels in Kieffer E, (Editor), *Les Lesions Occlusives Aorto-Iliques Chroniques*, France, Imprimerie de Pithiviers, pp. 75-82, 1991.
 17. Brener BJ, Brief DK, Alpert J, Goldenkranz RJ, Eisenbud DE, Huston J, Parsonnet V, Creighton D, Cross F: Femorofemoral bypass: A twenty-five year experience in Yao JST, Pearce WH (Editors), *Long Term Results in Vascular Surgery*, Connecticut, Appleton & Lange, pp. 385-393, 1993.
 18. Shoenfeld R, Hermans H, Novick A, Brener B, Cordero P, Eisenbud D, Mody S, Goldenkranz R, Parsonnet V: Stenting of proximal venous obstructions to maintain hemodialysis access. *J Vasc Surg* 19:532-539, 1994.
 19. Brener BJ, Hermans H, Eisenbud DE, Creighton D, Mahoney CB, Brief DK, Alpert J, Goldenkranz RJ, Huston J, Parsonnet V: Management of patients requiring coronary bypass and carotid endarterectomy. In: Moore W, ed. *Surgery for Cerebrovascular Disease, 2nd Edition*: W.B. Saunders Company, Philadelphia, PA, Chapter 32:278-287, 1996.

20. Brener BJ, Cluley SR, Hollier L, Ferrara-Ryan M, Ramaswami G, Nicolaides AN, Al-Kutoubi A, Shoenfeld R, Novick A, Alpert J, Brief DK, Goldenkranz R, Eisenbud D, Huston J, Parsonnet V: Ultrasound guided balloon angioplasty: A two-year follow-up. In: Auer AI, Neumyer MM, eds. *The Noninvasive Vascular Laboratory: Current Issues and Clinical Developments*, Appleton Davies, Inc, (in press).
21. Eisenbud DE (Editor). *The General Surgery Office Manual*, Columbus, Ohio, Anadem Publishing Company, 1995.
22. Eisenbud DE. *The Handbook of Dialysis Access*, Columbus, Ohio, Anadem Publishing Inc., 1996.
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