

JOHN DE ANGELIS, M.D

CIRRICULUM VITAE SUMMARY

- Placed second in the nation for medical school scholarship
- Completed residency training at the University of California Los Angeles
- Chief resident UCLA
- Fellowship at the University of Southern California
- Cedars-Sinai Medical Center Co-chairman of Anesthesiology & Director of Education
- Currently Associate Clinical Professor at the University of California School of Medicine Los Angeles
- Certified by the American Board of Anesthesiology
- Consultant to The World Health Organization
- Served as expert medical witness
- Performed and published drug research
- Developed high-tech medical equipment currently in use
- Conceived, implemented and directed physician education animal laboratory programs
- Conceived, implemented and directed many national medical symposia
- Published extensively
- Authored and edited a medical book
- Lectured throughout the United States, Europe and Asia.

CURRICULUM VITAE

Practice Limited to Pain Medicine Greater Phoenix Area	1996 - Present
Pain Medicine Training Theresa Ferrer-Brechner, M.D. Former Director UCLA Pain Center Bakersfield, California	1995
Vice President Institute of Critical Care Medicine Clinical Anesthesiologist Palm Springs, California	1992 - 1995
Cedars-Sinai Medical Center Emeritus Staff Los Angeles, California	1992 - 2000
Associate Clinical Professor Department of Anesthesiology UCLA School of Medicine Los Angeles, California	1985 - 1999
Co-Chairman Director of Research & Education Department of Anesthesiology Cedars-Sinai Medical Center Los Angeles, California	1981 - 1991
Attending Anesthesiologist Cedars-Sinai Medical Center Associate Clinical Professor Department of Anesthesiology UCLA School of Medicine	1977 - 1991
Assistant Professor of Anesthesiology UCLA School of Medicine Associate Director Surgical ICU Harbor General Hospital Torrance, California	1976 - 1977

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Diplomat of the American Board of Anesthesiology	1975
Research Associate USC Shock Research Unit Los Angeles, California	1973 - 1975
Clinical Instructor in Anesthesia UCLA Medical Center Los Angeles, California	1971 - 1975
Clinical Research Fellow USC School of Medicine Shock Research Unit Los Angeles, California	1971 - 1973
Anesthesiology & Critical Care Hollywood Presbyterian Medical Center Los Angeles, California	1970 - 1976
Anesthesiology Chief Resident University of California Los Angeles, California	1970
Anesthesiology Resident University of California Los Angeles, California	1968 - 1970
M.D. Degree University of California College of Medicine Irvine, California	1962
Family Practice Glendale, California	1960 - 1968
Rotating Internship Glendale Community Hospital Glendale, California	1959 - 1960
D.O. Degree Chicago College of Osteopathic Medicine Chicago, Illinois	1957 - 1959

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Kirksville College of Osteopathic Medicine Kirksville, Missouri	1955 - 1957
Awarded One of Five National Medical Scholarships for Grade Average and Essay Placed Second in Nation	1955
Northeast Missouri College, Kirksville, Missouri	1952 - 1955
Marshall College, Huntington, West Virginia	1951 - 1952

BIBLIOGRAPHY:

1. De Angelis, J. and Walts, L.F. Interaction of Hexafluorenum and Succinylcholine in Man. Abstract. Annual Meeting of the American Society of Anesthesiologists, 1969
2. Walts, L.F., De Angelis, J. and Dillon, J.B. Clinical Studies of the Interaction of Hexafluorenum and Succinylcholine in Man. *Anesthesiology* 33:503, 1970
3. De Angelis, J. Reversing d-tubocurarine Neuromuscular Blockade with Galanthamine and Neostigmine in Man. Abstract. Annual Meeting of the American Society of Anesthesiologists, 1970
4. De Angelis, J. and Walts, L.F. Comparison of Galanthamine with Neostigmine for Reversal of d-tubocurarine Neuromuscular Blockade in Man. *Anesthesia and Analgesia* 51:196, 1972
5. De Angelis, J. Hazards of Subdural and Epidural Anesthesia During Anticoagulant Therapy: A Case Report and Review. *Anesthesia and Analgesia* 51:676, 1972.
6. De Angelis, J. and Jacques, K. Cardiac Arrest Following Acrylic Cement. *Anesthesia and Analgesia* 52:298, 1973
7. De Angelis, J. Acrylic Cement, Hypotension and Cardiac Arrest. *Anesthesia and Analgesia* 52:1002, 1973
8. De Angelis, J. Intraoperative Aspiration Pneumonitis. *Heart and Lung* 2:754, 1973
9. De Angelis, J., Jacques, K. and Bisera, J. A Monitoring Anesthesia Unit, The Surgical Team 2:33, 1973
10. De Angelis, J. Clinical Studies Involving Neostigmine Reversal of d-tubocurarine, Gallamine and Pancuronium in Man. *Anesthesia and Analgesia* 53:268, 1974
11. De Angelis, J. Tracheostomy vs. Endotracheal Intubation. *Critical Care Medicine Handbook*. Weil, M.H. and Shubin, H., Eds, New York, John N. Kolen, Inc., 1974.
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12. De Angelis, J. Dose of Neuromuscular Blocking Agents and the Peripheral Nerve Stimulator. *Anesthesia and Analgesia* 54:119, 1975

13. De Angelis, J. A Simple and Rapid Method for Evacuation of Embolized Air. *Anesthesiology* 43:110, 1975
14. De Angelis, J. Axillary Arterial Monitoring, *Critical Care Medicine*, 4:205, 1976
15. De Angelis, J. Anaphylactic Shock. *Critical Care Medicine Manual*. Weil, M.H. and Luz, P., Eds. New York, Springer-Verlag, 1978.
16. De Angelis, J. Sedation, Narcosis, and Neuromuscular Blockade for Controlled Ventilation, *Handbook of Critical Care Medicine*. Weil, M.H. and Henning, R.J., Eds. Miami, Symposium Specialists, 1978.
17. De Angelis, J. Percutaneous Vascular Catheterization. *Handbook of Critical Care Medicine*. Weil, M.H. and Henning, R.J., Eds. Miami, Symposium Specialists, 1978.
18. De Angelis, J. Intraoperative Invasive Monitoring. *The Handbook of Critical Care Medicine*, Weil, M.H. and Henning, R.J., Eds. Miami, E.M. Books, 1978
19. De Angelis, J. (Contributor) Indications and Contraindications of Albumin, World Health Organization Publication, ISBN 92 4154158, 1981
20. De Angelis, J., Ed., *The High Risk Patient*, Beach International, San Diego, California, 1981
21. De Angelis, J. Tracheostomy: Always, Sometimes or Never, *The High Risk Patient*, De Angelis, J., Ed., Beach International, San Diego, California, 1981
22. De Angelis, J. In Search of Perioperative Cardio-Pulmonary Homeostasis. *The High Risk Patient*. De Angelis, J., Ed., Beach International, San Diego, California, 1981
23. Downs, J.B., De Angelis, J. Intermittent Mandatory Ventilation vs. Controlled Ventilation. *The High Risk Patient*. De Angelis, J., Ed., Beach International, San Diego, 1981
24. Downs, J.B., De Angelis, J. The Pros and Cons of Steroids and Antibiotics for Aspiration Pneumonitis. *The High Risk Patient*. De Angelis, J., Ed., Beach International, San Diego, 1981.
25. De Angelis, J., et al, Hemodynamic Changes During Prostatectomy in Cardiac Patients. *Critical Care Medicine* 10:38, 1982.
26. Cohen, J.L., Wender, R., Maginot, A., Cossman D., Treiman, R., Foran, R., Levin, P., De Angelis, J., Treiman, G., Hemodynamic Monitoring of Patients Undergoing Abdominal Aortic Surgery. *American Journal of Surgery* 174, 1983.

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27. De Angelis, J., Hemodynamic Monitoring in the Operating Room. *Proceedings : Third International Symposium on Intensive Care Medicine*. Universite Libre de Bruxelles, 1983.

28. De Angelis, J., Preoperative Evaluation and Perioperative Management of the Vascular Surgery Patient. Vascular Surgery. Moore, W.S., Ed., Grune and Stratton. New York, 1983.
29. De Angelis, J., Hemodynamic Monitoring in the Operating Room. Resuscitation, 1984.
30. De Angelis, J., Influence and Use of Anesthetics on the Cardiovascular System During Shock and Trauma: Hypothetical Considerations. Cardiovascular Actions of Anesthetics and Drugs Used in Anesthesia, Altura, B. M. and Halevy, S. Eds., Switzerland, Krager, 1986
31. De Angelis, J., Fluid and Blood Therapy During Peripheral Vascular Surgery. Proceedings: Current Concepts in Vascular Anesthesia. Sponsored by The Society of Cardiovascular Anesthesiologists. February, 1986
32. De Angelis, J., Cedars-Sinai Medical Center Standards For Anesthesia Monitoring. Proceedings of Association of Medical Instrumentation (AAMI) 22nd Annual Meeting, Los Angeles, California. May, 1987
33. University of Southern California 30th Annual Critical Care Symposium, February, 1992, Las Vegas, Nevada, Proceedings: Mixed Venous Oxygen: Is It a Valuable Monitor?

SELECTED EVENTS

1980

Consultant to the World Health Organization, Geneva Switzerland.

Visiting Professor, University of Munster Medical Center, Munster, Federal Republic of Germany.

Visiting Lecturer, University of Vienna, Vienna, Austria.

1981

Visiting Lecturer, Loma Linda University Medical Center, Loma Linda, California

1982

Critical Care Symposium, Marseille, France (lectures)

Critical Care Symposium, Paris, France (lectures)

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University of Munster, West Germany (lectures)

University Hospital, Hamburg, West Germany (lecture)

University Hospital, Brussels, Belgium (lectures)

St. Bartholomews Hospital, London, England (lectures)

1983

Queen Elizabeth Medical Center, Birmingham, England (lectures)

Newcastle, England (lecture)

Royal Victorian Infirmary, England (lecture)

Paris Intracardiac Monitoring Symposium (lectures)

University of Lyon, Lyon, France (lectures)

University of Padova, Padova, Italy (lectures)

Third International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium (lectures)

University of Kinki, Osaka, Japan (lecture)

Keio University, Tokyo Japan (lecture)

Fifth Annual Meeting of Society of Cardiovascular Anesthesiologists
San Diego, California. (lecture)

Medical Industry Symposium, Atlantic City (lecture)

1984

Trends in Critical Care and Sensor Technology Symposium, New Orleans, Louisiana (lecture)

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1985

Life Threatening Hypotension Symposium, The Cedars-Sinai Medical Center (lecture)

1986

Society of Cardiovascular Anesthesiologists Meeting, Current Concepts in Vascular Anesthesia
San Diego, California (lectures)

The American College of Chest Physicians 52nd Annual Scientific Assembly, San Francisco,
California (lecture)

1992

University of Southern California 30th Annual Symposium on Critical Care Medicine, Las
Vegas, Nevada (lectures)

1993

University of Southern California 31st Annual Critical Care Symposium, Las Vegas, Nevada
(lectures)

Oregon State Annual Anesthesiology Meeting (lecture)

University of South Florida Medical School, Tampa, Florida (Visiting Professor)

1994

The Consultation, A Conference by Desert Hospital, Palm Springs, California (lecture)

1997

Management of Cancer Pain, Lecture presented to Arizona State University, Department of
Psychology, February, 1997

1998

The Management of Chronic Pain, Lecture presented at The Arizona Academy of Family Physicians, The
Ritz Carlton Hotel, Phoenix, AZ., July, 1998

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ORGANIZATION OF MEETINGS AND SYMPOSIA

1. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

The First Annual Cedars-Sinai Medical Center High Risk Patient Symposium. Title: Great Debates over Controversies in the Management of the High Risk Patient. January, 1980. Los Angeles, California. A symposium. "Great Debates" closely examined the most controversial aspects of critical care medicine. One authority challenged by another presented opposing viewpoints in critical care. This fresh, new approach attracted international physicians from fields of anesthesiology, cardiology, internal medicine and pulmonary medicine.

2. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

The Second Annual Cedars-Sinai Medical Center High Risk Patient Symposium. Debates, Controversies & Concepts in the Management of The High Risk Patient. January, 1981. Los Angeles, California. A symposium. This symposium followed the format of the preceding symposium with speakers including Michael E. DeBakey, H.J.C. Swan, John B. Downs, William Ganz, and Max Harry Weil. Contents of the first and second symposiums were edited and published in book form. All income received (\$50,000) by Dr. De Angelis for this publication was donated to The Cedars-Sinai Department of Medical Education.

3. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

The Third Annual Cedars-Sinai Medical Center High Risk Patient Symposium. January, 1983. Los Angeles, California. A three day Symposium. Weeks after Dr. Denton Cooley's news breaking heart transplant, Dr. Cooley narrated movies of the event at this symposium. During the evolution stages of the Jarvik Artificial Heart, Dr. Jarvik of the University of Utah gave a dramatic presentation of his work prior to the first human transplant for patient Barney Clark. Speakers included well-known physicians such as Thomas Starz, human organ transplant pioneer.

4. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

A Laboratory Experience in the Dynamics of Pulmonary Artery Catheterization. A two-day learning session of lectures and hands-on equipment with one full day of 6 simultaneously anesthetized dogs and sheep with drug induced cardiopulmonary dysfunction. Trainee participation in intervention. July 23, 24, 1983. Anaheim, California.

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5. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

The Oxygen Symposium. Sponsored by The Cedars-Sinai Medical Center. September, 1983. A two-day symposium. Hypoxemia, oxygen delivery and consumption, along with interventions and new technology were the focal points of the meeting.

6. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

The Fourth Annual High Risk Patient Symposium. January, 1984. Las Vegas, Nevada. A two-day symposium. While Barney Clark was still recovering from the artificial heart transplant, his surgeon, Dr. William De Vries, with a model of the Jarvik artificial heart, gave a presentation of this outstanding accomplishment. Arthur C. Guyton presented. The original art work of the worlds greatest medical illustrator, Dr. Frank Netter, was placed on exhibit. Dr. Netter presented his life story, met Dr. William De Vries who invited him to the University of Utah. A short time after Dr. Netter visited the Universtiy of Utah, Dr. Netter published his cardiac transplant book of illustrations for Ciba-Geigy.

7. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

A Challenge in Learning. Animal, computer, and microprocessor simulation of cardiopulmonary dynamics. A Laboratory Experience. February, 1984. Anaheim, California. Instructional hands-on laboratory sessions for heart catheterization. Each laboratory used a minimum of six simultaneously anesthetized dogs and sheep with drug induced simulation of cardiopulmonary dysfunction.

8. **CHAIRMAN AND MODERATOR**

Mixed Venous Oxygen Saturation Symposium. December, 1984. Costa Mesa, California. A one-day symposium. A comparison of the relative value of mixed venous oxygen saturation compared to cardiac output was at the center of this meeting.

9. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

The Fifth Annual High Risk Patient Symposium. January, 1985. Los Angeles, California. A three-day symposium. Forty-four speakers from world medical centers presented. Dr. Netter received a standing ovation.

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10. **CONCEPTUALIST, CHAIRMAN AND MODERATOR**

The Sixth Annual High Risk Patient Symposium. August, 1985. Anaheim, California. A three day symposium. Co-Sponsored by The Society of Critical Care Medicine.

11

CONCEPTUALIST, CHAIRMAN AND MODERATOR

The Management of Life Threatening Hypotension. Sponsored by The Department of Medical Education of The Cedars-Sinai Medical Center. October, 1985 at Cedars-Sinai Medical Center in Los Angeles, California. A one day Meeting. The etiologies and appropriate interventions for hypotension were presented.

12.

CONCEPTUALIST, CHAIRMAN AND MODERATOR

Anesthesia Safety: The Prevention of Catastrophic Events in the Anesthetized Patient. November, 1986. Cedars-Sinai Medical Center, Los Angeles, California. This first anesthesia safety symposium received national acclaim and was considered by many to be an instrument of change toward a more diligent surveillance of the patient subjected to anesthesia. The symposium was filled to capacity. Many were turned away. A second and then a third anesthesia safety symposium were equally successful.

13.

CONCEPTUALIST, CHAIRMAN AND MODERATOR

The Second Cedars-Sinai Medical Center Anesthesia Safety Symposium. April, 1987. Cedars-Sinai Medical Center, Los Angeles, California. Testing prior to and following an anesthesia safety symposium was done in an effort to determine attendee mindset alteration resulting from the information made available. The tests were subjected to statistical analysis. The most notable change was a statistically significant increase in overall test scores, reflecting a shift in expressed monitoring preferences consistent with the information provided at the symposium.

14.

CONCEPTUALIST, CHAIRMAN AND MODERATOR

The Third Cedars-Sinai Medical Center Anesthesia Safety Symposium. June, 1987. Cedars-Sinai Medical Center, Los Angeles, California. Testing prior to and following the symposium was repeated and subjected to statistical analysis. One question presented at the conclusion of the safety symposium asked the question, "What will you do differently as a result

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of attending this program?" Twenty three percent of those who responded said they would pursue the purchase of capnography. The desire to upgrade equipment in general was the response of 17%. Another 16% said they were going to pursue the purchase of pulse oximetry. Ten percent of the anesthesiologists stated that they were going to enhance their vigilance in monitoring and care of the patient subjected to anesthesia and surgery. Others noted that they would initiate equipment maintenance programs, and improve anesthesia record keeping.

HOSPITAL COMMITTEES

Hospital Wide Credentials and Reappointment
Risk Management
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Education
Mortality Review
Anesthesiology Audit
Pharmacy-Anesthesia Liaison
Medical Executive

Executive Peer Review
Transfusion
Pharmacy and Therapeutics
Trauma
Anesthesiology Quality Assurance
Anesthesiology Executive
Surgery Advisory
Surgery-Anesthesia Liaison