

CURRICULUM VITAE

EDUCATION

University of Buffalo 1939 - 1941
University of Buffalo, School of Medicine 1941 - 1944
M.D. degree awarded in September 1944

MILITARY SERVICE

United States Army Medical Corps -
Lieutenant and later Captain (MC).....April 1946 - March 1948

LICENSURE AND CERTIFICATION

Licensed by State of New York - October 2, 1945 - License 043450
Certified by American Board of Surgery - October 13, 1953 - Certificate 5062

PROFESSIONAL POSITIONS

Veterans Administration Medical Center, Buffalo, New York
Staff Surgeon, February 11, 1953 - July 14, 1968
Chief, Surgical Service, July 15, 1968 - October 1, 1983
Chief of Staff, August 8, 1971 - February 3, 1986

Roswell Park Memorial Institute, Buffalo, New York
Associate Institute Director for Clinical Affairs,
August 15, 1985 - October 1, 1987
Deputy Institute Director
October 1, 1987 - February 1, 1994

Cryomedical Sciences Inc. Rockville MD.
Medical Director Sep. 1994 – July 30, 2001

FACULTY APPOINTMENTS

School of Medicine and Biomedical Sciences
State University of New York at Buffalo

Assistant in Surgery, 1954 - 1957
Instructor in Surgery, 1957-1959
Associate in Surgery, 1959-1963
Clinical Associate in Surgery, 1963 - 1966
Assistant Clinical Professor of Surgery, 1966 - 1969
Associate Professor of Surgery, 1969 - 1972
Professor of Surgery, July 1, 1972 to January 31, 1994
Acting Chairman, Department of Surgery
September 1, 1983 to November 1, 1984
Professor of Surgery Emeritus, February 1, 1994 to present

State University of New York at Binghamton

Visiting Professor, Dept. of Biological Sciences
Jan 1, 2002 to Dec 31, 2004

PROFESSIONAL ORGANIZATIONS – NATIONAL / INTERNATIONAL

- Fellow, American College of Surgeons, 1954 to present
Governor-at-Large from New York State, 1981 - 1987
- Member, Society for Vascular Surgery, 1976 to present
- Member, International Society for Cardiovascular Surgery, 1966 to 1994
- Member, American Heart Association, 1955 - 1986
- Fellow, Council on Cardiovascular Surgery, American Heart Association,
1966-1980
- Member, Association of Veterans Administration Surgeons, 1967 to present
(President 1977 - 1979)
- Member, Society of Cryobiology, 1967 to present (Elected to Fellow 2007)
- Member, Society for Cryosurgery, 1968-1970
- Member, American College of Cryosurgery, 1977 to present
(President 1978 - 1979)
Member, Board of Directors 1980 – 1995
- Member, International Society of Cryosurgery, 1980 to present
- Member, American Society of Contemporary Medicine and Surgery,
1971 to present
- Member, Federal Health Care Institute Alumni Association, 1973 to 1994
- Member, National Association of Veterans Administration Chiefs of Staff,
1972-1986
(President 1977 - 1978)
- Member, Society of Medical Consultants to the Armed Forces, 1979 to 1985
- Member, North American Society of Pacing and Electrophysiology,
1979 to 2010 Name changed to Heart Rhythm Society in 2005
- Member, Roswell Park Surgical Society, 1986 to 1994
- Member, American Association for the History of Medicine, 1991 - 1995

PROFESSIONAL ORGANIZATIONS - STATE AND LOCAL

- Member, Heart Association of Western New York, 1966-1984
(President 1970-1971)
- Member, Western New York Chapter, American College of Surgeons
(President 1973-1974)
- Member, Buffalo Surgical Society, 1954 to 1994
(President 1973-1974)
- Member, The Western New York Vascular Surgical Society, 1982 to 1994

(President 1982-1983)

Member, The Western New York Cardiovascular Society, 1975-1993

Member, Alumni Association, School of Medicine and Biomedical Sciences
State University of New York at Buffalo

Member, Association of Scientists, Roswell Park Memorial Institute,
1986 to 1994

EDITORIAL POSITIONS

Member, Editorial Board, Journal of Cryosurgery (1968 - 1969)
Member, Editorial Board, Contemporary Surgery (1972 - 1974)
Member, Editorial Board, Cryobiology (1976 – 2000 and 2004 to present)
Member, Editorial Board, Comprehensive Therapy (1975 - present)
Member, Editorial Board, Technology in Cancer Research and Treatment
(2004 –present)

HONORS AND CITATIONS

Rudolph Ellender Medical Foundation Award for Outstanding Contributions to
Cryosurgery, March 31, 1979.

The 1980 Distinguished Service Award of the Association of Veterans Administration
Surgeons. Given "in recognition of his outstanding contributions to the VA medical
programs" at the annual meeting of the Association of Veterans Administration
Surgeons, Alexandria, Va.
May 11 - 14, 1980.

Award from American College of Cryosurgery, August 15, 1980, for contributions,
leadership and advances in the science of cryosurgery. Given at the meeting of the
American College of Cryosurgery in New Orleans, La., August 14 - 17, 1980.

Certificate of Appreciation for Meritorious Service within the VA Cooperative Studies
Program of the Medical Research Service, the Veterans Administration, May 21, 1982.

Cited for contribution to the first implantable cardiac pacemaker, considered one of the
top 10 U.S. engineering achievements over the past 50 years by National Society of
Professional Engineers cited in The Institute 8:9 March 1984, a publication of the
Institute of Electrical and Electronics Engineers.

Certificate of Appreciation from the Veterans Administration for meritorious service
within the VA Cooperative Studies Program of the Medical Research Service, December
1984.

Dean's Award, School of Medicine, State University of New York at Buffalo, in
recognition of outstanding service to the School of Medicine May 29, 1985.

Special Achievement Award from The New York State Department of Health.
Presented to the Management Transition Team, Roswell Park Memorial Institute in
February 1987 by the Commissioner of Health (David Axelrod, M.D.)

The Outstanding Achievement Award in recognition of notable contributions in Medical
Technology. From the American Society of Contemporary Medicine and Surgery 1989.
Honor bestowed at 24th Annual Meeting of the Society, March 9, 1989.

Dedication of Second Annual Thoracic Surgical Teaching Days, School of Medicine and Biomedical Sciences and the Buffalo General Hospital, Buffalo, N.Y., April 21-22, 1989.

Awarded the Dr. Roswell Park Medal and Scroll " in recognition of his eminent service to his Profession and to Humanity," by the Buffalo Surgical Society, Buffalo, N.Y., March 12, 1991.

Presidential Citation. For pioneering achievement and outstanding leadership in research and use of cryosurgery in medicine. Honor bestowed at Annual Meeting, American College of Cryosurgery, LaJolla, California, June 8, 1991. cryosurgery in medicine. American College of Cryosurgery. LaJolla, CA. June 9, 1991

Citation from the Medical Staff, Roswell Park Cancer Institute, "In grateful appreciation of your dedication and service to the Institute," February 1994.

Medical Alumni Achievement Award, "In recognition of conspicuous and outstanding career achievements." Honor bestowed at Spring Clinical Days, School of Medicine and Biomedical Sciences, SUNY at Buffalo, April 30, 1994.

Award for Achievement in Health Care. Given by D'Youville College, Buffalo, NY, Jan. 31, 1996

Award for Achievement. Given at Society for Cryobiology, Minneapolis MN. July 27. 2005

Elected to Fellow of the Society for Cryobiology "for outstanding contributions to the science and practice of cryobiology. 2006

Distinguished Medical Alumnus Award 2010 . University at Buffalo, Buffalo, NY Oct. 1, 2010

PUBLICATIONS IN JOURNALS

1. Gage AA, and Brodie EL.
Epidermoid Cyst of the Testis.
J. Urol. 63:539-541, 1950.
2. Gage AA, and MacCallum, MD.
Regional Colitis Confined to the Sigmoid Colon.
Arch. Surg. 65:937-940, 1952.
3. Gage AA, and Chardack WM.
Temporary Postoperative Paralysis of the Diaphragm.
Amer. J. Surg. 85:232-236, 1953.
4. Chardack WM, Olson KC, Bolgan FJ, Gage AA, and Farnsworth, WE.
The Mortality Following Ligation of the Anterior Descending Branch of the Left Coronary Artery in Dogs - An Experimental Study.
Ann. Surg. 141:443-450, 1955.
5. Olson KC, Gage AA, and Chardack, WM.
Gastric Carcinoma Following Abdominal X-ray Therapy.
Gastroenterol. 30:12-20, 1956.
6. Gage AA, Olson, KC, and Chardack WM.

- Experimental Coronary Thrombosis in the Dog - an Experimental Study.
Ann. Surg. 143:535-543, 1956.
7. Gage AA, Olson KC, and Chardack WM.
Cardio-pericardiopexy - an Experimental Evaluation.
Ann. Surg. 147:289-294, 1958.
 8. Gage, AA, McGrath RW, Gianturco MJ, and Santoro CG.
The Amelioration of Experimental Ascites by Hepatopexy.
Amer. Coll. Surg. Surgical Forum 8:244-247, 1958.
 9. Greatbatch W, Chardack WM, and Gage AA.
A Transistorized, Implantable Cardiac Pacemaker.
1960 IRE (Institute of Radio Engineers) Internat. Convention Rec. 9:107-115, 1960.
 10. Chardack W, Gage AA, and Greatbatch W.
A Transistorized, Self-contained and Implantable Pacemaker for the Long-Term
Correction
of Complete Heart Block.
Surg. 48:643-654, 1960.
 11. Chardack WM, Gage AA, and Greatbatch W.
Experimental Observations and Clinical Experience with the Correction
of Complete Heart Block by an Implanted Self-contained Pacemaker.
Trans. Amer. Soc. Artif. Int. Organs 7:286-291, 1961.
 12. Chardack WM, Gage AA and Greatbatch W.
Correction of Complete Heart Block by a Self-contained and Subcutaneously
Implanted Pacemaker.
J. Thorac. Cardiovas. Surg. 42:814-825, 196
 13. Chardack WM, Gage AA, and Greatbatch W.
Treatment of Complete Heart Block with an Implantable and Self-contained
Pacemaker.
Bulletin de la Societa Internazionale de Chirurgie 21:411-418, 1962.
 14. Chardack WM, Gage AA, Schimert G, Thompson N, Sanford C, and
Greatbatch W. Two Years' Clinical Experience with the Implantable Pacemaker for
Complete Heart Block. Dis. Chest 43:225-239, 1963.
 15. Schenk WG, Jr., Delin N, Camp F, McDonald K, Pollack L, Gage A, and
Chardack W. Assisted Circulation - An Experimental Evaluation of Counterpulsation
and Left
Ventricular Bypass.
Arch. Surg. 88:327-344, 1964
 16. Chardack WM, Gage AA, Federico AJ, Schimert G, and Greatbatch W.
Clinical Experience with an Implantable Pacemaker.
Ann NY Acad. Sci. 111:1075-1092, 1964.
 17. Chardack WM, Gage AA, and Dean DC.
Slowing of the Heart by Paired Pulse Pacemaking.
Amer. J. Cardiol. 14:374-384, 1964.
 18. Rogers LS, Chairman, et al, including Gage A., member
Cancer Chemotherapy by Continuous Intra-arterial Infusion.
Veterans Administration Cooperative Study.
Cancer 17: 1365-1380, 1964.

19. Matsumoto, PJH, Fazekas G, and Gage AA.
Arterial Replacement by Autogenous Connective Tissue Tubes Formed
in Polyurethane Sponge.
Surg. Forum (Amer. Coll. Surg.) 15:72-73, 1964.
20. Chardack WM, Gage AA, Federico AJ, Cusick JK, Matsumoto PJH, and Lanphier EH.
Reduction by Hyperbaric Oxygenation of the Mortality from Ventricular Fibrillation
Following
Coronary Artery Ligation.
Circ. Res. 15:497-502, 1964.
21. Greatbatch W, Chardack WM and Gage AA.
Implantable Cardiac Pacemakers.
Symposium on Biomedical Engineering, IEEE International Convention Record 13:
Part 12:25-30, 1965.
22. Gage AA.
Control of Experimental Ascites by Hepatopexy.
JAMA 192:377-381, 1965.
23. Chardack WM, Gage AA, and Dean DC.
Paired and Coupled Electrical Stimulation of the Heart.
Bull. NY Acad. Med. 41:462-480, 1965.
24. Riley EE, Fazekas G, and Gage AA.
Freezing of Blood Vessels and Bile Ducts without Excision.
Surg. Forum (Amer. Coll. Surg.) 16:141-143, 1965.
25. Chardack WM, Gage AA, Federico AJ, Schimert G, and Greatbatch W.
Five Years' Clinical Experience with an Implantable Pacemaker.
Surg. 58:915-922, 1965.
26. Gage AA, Emmings FG, and Koepf S.
Cryotherapy for Cancer of the Lip and Oral Cavity.
Cancer 18:1646-1651, 1965.
27. Emmings FD, Neiders ME, Greene GW, Koepf S and Gage AA.
Freezing the Mandible without Excision.
J. Oral Surg. 24:145-155, 1966.
28. Gage AA, Greene GW, Neiders ME, and Emmings FG.
Freezing Bone without Excision - An Experimental Study of Bone Cell Destruction
and Manner of Regrowth.
JAMA 196:770-774, 1966.
29. Chardack WM, Gage AA, McRonald RE, and Souther S.
Fibrillation in Empty and Loaded Ventricles. An Experimental Study of Coronary Artery
Ligation During Partial and Complete Cardiac Bypass.
Arch. Surg. 93:795-801, 1966.
30. Chardack WM, Gage AA, Federico AJ, Schimert G and Greatbatch W.
The Long-term Treatment of Heart Block.
Progr. Cardiovas. Dis. 9:105-135, 1966.
31. Gage AA.
Hepatopexy for Chronic Cirrhotic Ascites.
Surg. 60:1129-1136, 1966.

32. Gage AA, and Emmings FG.
Bone Freezing in Cryotheraapy. J. St. Barnabas Med. Ctr. 4:314-319, 1967.
33. Gage AA, Fazekas G, and Riley EE.
Freezing Injury to Large Blood Vessels in Dogs (with comments on the effect of experimental freezing of bile ducts)
Surg. 61: 748-754, 1967.
34. Emmings FG, Koepf S, and Gage AA.
Cryotherapy for benign lesions of the oral cavity.
J. Oral Surg. 25: 320-326, 1967.
35. Gage AA, Gonder MJ, Soanes WA, and Emmings FG.
Cancer Cryotherapy.
Mil. Med. 132:550-556, 1967.
36. Chardack WM, McRonald RE, Souther S, and Gage AA.
Comparison of the Incidence of Ventricular Fibrillation from Coronary Artery Ligation in the Decompressed and Loaded Heart. Implications of these Observations for Assisted Circulation Techniques. J. Cardiovas. Surg. 8:446-453, 1967.
37. Gage AA.
Cancer Cryotherapy.
Bull. Millard Fillmore Hospital 14:103-110, 1967.
38. Gage AA.
Cryotherapy for Inoperable Rectal Cancer.
Dis. Colon and Rectum 11:36-44, 1968.
39. Gage AA.
Cryotherapy for Oral Cancer.
JAMA 204:565-569, 1968.
40. Gage AA, and Erickson RB.
Cryotherapy and Curettage for Bone Tumors.
J. Cryosurgery 1:60-66, 1968.
41. Gage AA.
Current Opinion on Cryotherapy for Cancer.
J. Cryosurgery 1:175-177, 1968.
42. Gage AA, and Koepf SW.
Cryotherapy as Primary Treatment for Oral Cancer.
J. Cryosurgery 1:177-185, 1968.
43. Gage AA.
Cryosurgery for Cancer - an Evaluation.
Cryobiology 5:241-249, 1969.
44. Schimert G, Falsetti HC, Bunnell DL, Dean DC, Gage AA, Grant C and Greene DG.
Excision of Akinetic Left Ventricular Wall for Intractable Heart Failure.
Ann. Int. Med. 70:437-445, 1969.
45. Gage AA.
Cryosurgery for Oral and Pharyngeal Cancer.

- Minerva Chirurgica 24: 1137-1138, 1969.
46. Gage AA.
Cryosurgery for Diverse Human Tumors.
Minerva Chirurgica 24: 1132-1133, 1969.
 47. Chardack WM, Ishikawa H, Fochler F, Souther S, and Gage AA.
Pacing and Ventricular Fibrillation.
Ann NY Acad. Sci. 167:919-933, 1969.
 48. Gage AA.
Cryosurgery for Oral and Pharyngeal Cancer.
Amer. J. Surg. 118:669-672, 1969.
 49. Gage AA, Ishikawa H, and Winter PM.
Experimental Frostbite and Hyperbaric Oxygenation.
Surgery 66:1044-1050, 1969.
 50. Schimert G, Lajos T, Bunnell I, Greene D, Falsetti H, Gage A,
Dean D, and Bernstein M.
Operation for Cardiac Complications Following Myocardial Infarction.
Surgery 67:129-140, 1970.
 51. Gage AA, Ishikawa H, and Winter PM.
Experimental Frostbite. The Effect of Hyperbaric Oxygenation on Tissue Survival.
Cryobiology 7:1-8, 1970.
 52. Gage A, Dean D, Schimert G and Minsley M.
Aspergillus Infection after Cardiac Surgery.
Arch. Surg. 101:384-387, 1970.
 53. Emmings F, Gage A, and Koepf S.
Combined Curettage and Cryotherapy for Recurrent Ameloblastoma of the Mandible.
J. Oral Surg. 29:41-44, 1971.
 54. Winter P, Alvis H, and Gage A.
Hyperbaric Treatment of Cerebral Air Embolism During Cardiopulmonary Bypass.
JAMA 215:1786-1788, 1971.
 55. Chardack W, Bakken E, Bolduc L, Giori F, and Gage A.
Magnetically Actuated Pulse Width Control for Implantable Pacemakers.
Ann. Cardiol. Angiol. 20:345-355, 1971.
 56. Bachofen M, Gage A, and Bachofen H.
Vascular Response to Changes in Blood Oxygen Tension Under Various Blood
Flow Rates.
Amer. J. Physiol. 220:1786-1792, 1971.
 57. Gage AA.
Cryosurgery for Oral and Pharyngeal Carcinoma.
Panminerva Medica 13:488-493, 1971.
 58. Gage AA.
Cryosurgery for Diverse Human Tumors.
Panminerva Medica 13:475-480, 1971.
 59. Takaro T, Pifarre R, Wuerflein RD, Hall AD, Gage AA, Scott SM,
Dart CH, Jr., and Price HP.

- Acute Coronary Occlusion Following Coronary Arteriography.
Mechanism and Surgical Relief.
Surg. 72:1018-1029, 1972.
60. Gage AA.
Practical Problems in Cryosurgical Techniques.
J. Spacecraft and Rockets 9:844:845, 1972.
 61. Natiella JR, Gage AA, Armitage J, and Greene G.
Tissue Response to Cryosurgery of the Oral Cavity in Rhesus Monkeys.
Arch. Pathol. 98:182-188, 1974.
 62. Gage A, Chardack WM, and Federico AJ.
Isotopic Cardiac Pacemaker – Clinical Use
Arch. Surg. 109:671-675, 1974.
 63. Gage A.
Cryosurgery for Difficult Problems in Cutaneous Cancer.
Cutis 16:465-470, 1975.
 64. Gage A.
Cryosurgery for Oral Cancer. Technique and Five-year Survival.
Panminerva Medica 17:376-381, 1975.
 65. Gage A.
Five Year Survival Following Cryosurgery for Oral Cancer.
Arch. Surg. 111:990-994, 1976.
 66. Gage A, and Dutta P.
Cryosurgery for Pilonidal Disease.
Amer. J. Surg. 133:249-254, 1977.
 67. Gage A, Bhayana J, Balu V, and Hook N.
Assessment of Cardiac Risk in Surgical Patients.
Arch. Surg. 112:1488-1492, 1977.
 68. Gage AA.
Five Year Survival after Cryosurgery for Carcinoma of the Mouth.
Surg. Gyn. & Obstet. 145:189-192, 1977.
 69. Gage AA.
Cryosurgery for Cancer of the Ear.
J. Dermatol. Surg. & Oncol. 3:417-421, 1977.
 70. Dutta P, Montes M, and Gage A.
Experimental Hepatic Cryosurgery.
Cryobiology 14:598-608, 1977.
 71. Gage A.
Current Status of Cryosurgery for Cancer.
Comprehensive Therapy 4(2):24-30, 1978.
 72. Gage A.
An Experimental Study of the Correlation of Electrical Impedance and Temperature
of Tissues.
J. Dermatol. Surg. and Oncol. 4:449-450, 1978.
 73. Gage, A.

- Experimental Cryogenic Injury of the Palate: Observations Pertinent to the Cryosurgical Destruction of Tumors.
Cryobiology 15:415-425, 1978.
74. DaRosa J, Major W, Montes M, and Gage A.
Inflammatory Pericardial Cyst.
Chest 74:235-237, 1978.
 75. Dutta P, Montes M, and Gage A.
Large Volume Freezing in Experimental Hepatic Cryosurgery.
Cryobiology 16:50-55, 1979.
 76. Gage A.
Correlation of Electrical Impedance and Temperature in Tissue During Freezing
Cryobiology 16:56-62, 1979.
 77. Rudich M, Gutierrez I, and Gage A.
The Obturator Foramen Bypass in the Management of Infected Vascular Prostheses.
Amer. J. Surg. 137:657-660, 1979.
 78. Gage A.
The Isotopic Cardiac Pacemaker.
Ann. Thoracic Surg. 28:1-2, 1979.
 79. Gage A, Meenaghan M, Natiella J, and Greene GW, Jr.
Sensitivity of Pigmented Mucosa and Skin to Freezing Injury.
Cryobiology 16:348-361, 1979.
 80. Gage AM, Montes M, and Gage AA.
Freezing the Canine Thoracic Aorta in situ.
J. Surg. Res. 27:331-340, 1979.
 81. Bhayana JN, and Gage AA.
Intraoperative Myocardial Protection by Potassium Arrest and Local Cardiac Hypothermia.
Cryobiology 16:526-533, 1979.
 82. Natiella J, Meenaghan M, Rosa R, Bessette R, and Gage A.
Cryosurgery of Major and Minor Salivary Gland: A Light Microscopic Evaluation in the Rhesus Monkey. J. Oral Path. 8:237-246, 1979.
 83. Gage A.
American College of Cryosurgery.
J. Amer. Acad. Derm. 4:375-377, 1979.
 84. Gage A.
What Temperature is Lethal for Cells?
J. Dermatol. Surg. Oncol. 5:459-460, 464, 1979.
 85. Caruana J, and Gage A.
Increased Uptake of Insulin and Glucagon by the Liver as a Signal for Regeneration.
Surg. Gyn. Obstet. 150:390-394, 1980.
 86. Bhayana J, Gage A and Takaro T.
Long-term Results of Internal Mammary Artery Implantation for Coronary Artery Disease: A Controlled Trial.
Ann. Thor. Surg. 29:234-242, 1980.

87. Gage A, and Caruana J.
Current Flow in Skin Frozen in Experimental Cryosurgery.
Cryobiology 17:154-160, 1980.
88. Gongloff R, Samit A, Greene G, Jr., Inneo G, and Gage A.
Cryosurgical Management of Benign and Dysplastic Intraoral Lesions.
J. Oral Surg., Vol. 38:671-676, September 1980.
89. Caruana J, Gutierrez I, Andersen M, and Gage A.
Factors that Affect the Outcome of Peripheral Arterial Embolization.
Arch. Surg. 116:423-425, 1981.
90. Gage AM, and Gage AA.
Frostbite.
Comprehensive Therapy 7:9:25-30, 1981.
91. Gage A.
The Asymptomatic Carotid Bruit.
Comprehensive Therapy 7:10:3-5, 1981.
92. Caruana J, Goldman J, Camara D, and Gage A.
Insulin, Glucagon and Glucose in the Regeneration Response of the Liver.
Surg. Gyn. and Obstet. 153:726-730, 1981.
93. Gutierrez I, Gage A, and Makula P.
Toe Pulse Study in Ischemic Arterial Disease of the Legs.
Surg. Gyn. Obstet. 153:889-892, 1981.
94. Balderman S, Bhayana J, Binette P, Chan A, and Gage A.
Perioperative Preservation of Myocardial Ultrastructure and High Energy Phosphates
in Man.
J. Thor. Cardiovas. Surg. 82:860-869, 1981.
95. Gage A.
Implantable Cardiac Pacemakers.
Comprehensive Therapy 8:2:3-6, 1981.
96. Gage AM, Montes M, and Gage AA.
Destruction of Hepatic and Splenic Tissue by Freezing and Heating.
Cryobiology 19:172-179, 1982.
97. Gutierrez I, and Gage AA.
Non-invasive Diagnostic Techniques in Peripheral and Carotid Vascular Disease.
Primary Care 9(1):115-126, 1982
98. Gage AA.
Cryosurgery and Ambulatory Care.
Far East Health 2: (9)20-23, 1982.
99. Gage AA.
Current Issues in Cryosurgery.
Cryobiology 19:212-222, 1982.
100. Gage A, Caruana J, and Montes M.
Critical Temperature for Skin Necrosis in Experimental Cryosurgery.
Cryobiology 19:273-282, 1982.

101. Caruana J, Montes M, Camara D, Ummer, A, Potmesil S and Gage AA.
Functional Histopathologic Changes in the Liver in Sepsis.
Surg. Gyn. & Obstet. 154:653-656, 1982.
102. Balderman S, Bhayana J, Masud A, Michalek S, and Gage A.
Perioperative Protection of the Myocardium in Patients with Impaired
Ventricular Function.
Ann. Thor. Surg. 33:445-452, 1982.
103. Gage A, Caruana J, and Garamy G.
A Comparison of Instrument Methods of Monitoring Freezing in Cryosurgery.
J. Dermatol. Surg. Oncol. 9:209-214, 1983.
104. Gongloff R, and Gage A.
Cryosurgical Treatment of Oral Lesions: Report of Cases.
JADA 106:47-51, 1983.
105. Balderman S, Gutierrez I, Makula P, Bhayana J, and Gage A.
Noninvasive Screening for Asymptomatic Carotid Artery Disease Prior to
Cardiac Operation.
Thorac. Cardiovas. Surg. 85:427-433, 1983.
106. Balderman S, Binette J, Chan A and Gage AA.
The Optimal Temperature for Preservation of the Myocardium During Global Ischemia.
Ann. Thorac. Surg. 35:605-614, 1983.
107. Gage A.
Implantable Cardiac Pacemakers: Current Techniques and Critical Concerns.
Comprehensive Therapy 9(10):37-45, 1983
108. Gage AM and Gage AA.
Varicose Veins - to Treat or Not to Treat.
Hospital Medicine 19:97-124, 1983.
109. Gage A.
Cryosurgery for Cancer.
Comprehensive Therapy 10(1):61-69, 1984.
110. Gage A.
Surgical Treatment of Coexisting Carotid and Coronary Arterial Disease.
Comprehensive Therapy 10(6):3-5, 1984.
111. Balderman S, Chan A and Gage A.
Verapamil Cardioplegia: Improved Myocardial Preservation During Global Ischemia.
J. Thor. Cardiovasc. Surg. 88:57-66, 1984.
112. Balderman S, Montes M, Schwartz K, Hart T, Bhayana J and Gage A.
Preparation of Venous Allografts. A Comparison of Techniques.
Ann. Surg. 200:117-130, 1984.
113. Gage A.
Current Issues in Cardiac Pacing.
Resident and Staff Physician 7PC-16PC, November 1984.
114. Liu D, Natiella J, Schaefer and A, Gage A.
Cryosurgical Treatment of the Eyelids and Lacrimal Drainage Ducts of the
Rhesus Monkey.
Course of Injury and Repair.

- Arch. Ophthalmol. 102:934-939, 1984.
115. Gage A, Guest K, Montes M, Caruana J and Whalen D.
Effect of Varying Freezing and Thawing Rates in Experimental Cryosurgery.
Cryobiology 22:175-182, 1985.
 116. Gage A, Augustynowicz S, Montes M, Caruana J and Whalen D.
Tissue Impedance and Temperature Measurements in Relation to Necrosis
in Experimental Cryosurgery.
Cryobiology 22:282-288, 1985.
 117. Gage A.
Current Issues in Cardiac Pacemaking.
Medical Times 113:73-80, 1985.
 118. Gutierrez I, Makula P and Gage A.
The Asymptomatic Carotid Bruit.
American Surgeon 51:388-391, 1985.
 119. Augustynowicz S and Gage A.
Temperature and Cooling Rate Variations During Cryosurgical Probe Testing.
International J. Refrigeration 8:198-208, 1985.
 120. Gage A.
Implanted Pacemakers Pose New Challenges.
U.S. Medicine 21:12-15, August 1, 1985.
 121. Bergsland J, Kalmbach T, Balu D, Feldman M, Caruana J and Gage A.
Fibrin Seal - An Alternative to Suture Repair in Experimental Pulmonary Surgery.
J. Surgical Research 40:340-345, 1986
 122. Gage A.
In Memoriam. Irving S. Cooper 1922-1985.
Cryobiology 23:287-289, 1986.
 123. Natiella J, Carter J, Gage A, Natiella R, and Johnson R.
Cryosurgery of Rhesus Monkey Skin: Evaluation of Epidermal Thickening and
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Dr. A. Gage was one of the founding investigators for these studies.

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