

CURRICULUM VITAE

ALLAN B. ZELINGER, M.D., F.A.C.C.

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EDUCATION:

University of Illinois- B.A. 1969 -1972
Champaign-Urbana, IL

POST GRADUATE TRAINING:

Boston University and Boston City 1979 - 1981
Hospitals, Boston, MA
Cardiology Fellowship, Division of Cardiology

Rush Presbyterian St. Luke's Hospital 1976 - 1979
Department of Medicine, Chicago, IL
Residency, Internal Medicine

Rush Medical College- M.D. 1972 - 1976
Chicago, IL

HONORS:

Echocardiography Teacher of the Year, Cardiology Fellowship Program, 2001
University of Illinois College of Medicine/Christ Hospital,
Oak Lawn, IL

Teacher of the Year, Cardiology Fellowship Program, 1999
University of Illinois College of Medicine/Christ Hospital, Oak Lawn, IL

Teacher of the Year, Cardiology Fellowship 1996
Program, Rush Medical College/Christ Hospital,
Oak Lawn, IL

Alpha Omega Alpha, 1975
Rush Medical College, Chicago, IL

Bachelor of Arts with High Honors, University of IL, Champaign-Urbana, IL	1973
Phi Beta Kappa, University of IL Champaign-Urbana, IL	1972
James Scholar, University of IL Champaign-Urbana, IL	1969

PROFESSIONAL ORGANIZATIONS:

American Medical Association
Chicago Society of Echocardiography
American College of Cardiology
Chicago Medical Society
American Heart Association
American Society of Echocardiography
American Society of Internal Medicine
Society for Atherosclerosis Imaging
Vascular Biology Working Group
Midwest Working Group: Emerging Science of Lipid Metabolism
Society of Cardiovascular Computed Tomography: Founding Member
National Lipid Association
American Society of Nuclear Medicine
Society of Diagnostic Medical Sonography

CERTIFICATION:

Recertification Board in Echocardiography	2009
Board of Cardiovascular Computed Tomography	2008
American Board of Nuclear Cardiology	2007
American Board of Clinical Lipidology	2006
Fellow American Society of Echocardiography	2004
National Board of Echocardiography	2001
American Society of Echocardiography Special Competency Examination; (score 695/700, 98 th national percentile)	1998
Fellow American College of Cardiology	1984
Subspecialty Board of Cardiology	1982
American Board of Internal Medicine	1979
National Board of Medical Examiners	1977

ACADEMIC APPOINTMENTS:

Medical Director Coronary CT Angiography Unit Advocate Christ Medical Center, Oak Lawn, IL	2006-Present
President Chicago Society of Echocardiography	2004-Present
President Echo University Online	2009-Present

Associate Clinical Professor, University of Illinois College of Medicine at Chicago, Chicago, IL	2002-Present
Director of Noninvasive Cardiodiagnostic Unit, and Echocardiography lab Advocate Christ Medical Center, Oak Lawn, IL	1982-Present
Emerging Leader in the Science of Lipid Metabolism	2001-Present
Chief Editor Video Journal of Echocardiography	2000-2002
Director Preventive Cardiology MidAmerica Cardiovascular Associates, OakLawn, IL	1999-Present
Associate Editor Video Journal of Echocardiography.	1999-2000
Assistant Clinical Professor, University of Illinois College of Medicine at Chicago, Chicago, IL	1997-2002
Co-Director Ultrafast CT Scanning Coronary Screening Unit, High Tech Medical Park, Palos Heights, IL	1995-1999
Instructor of Medicine Rush Medical School, Chicago, IL	1983-1997
Director of Cardiac Non-Invasive Laboratory, VA West Side Medical Center, Chicago, IL	1981-1982
Instructor of Medicine University of Illinois College of Medicine at Chicago, Chicago, IL	1981-1982

HOSPITAL STAFF APPOINTMENTS:

Advocate Christ Hospital and Medical Center
4440 West 95th Street
Oak Lawn, IL 60453

Advocate South Suburban Hospital (Inactive)
17800 South Kedzie Avenue
Hazel Crest, IL 60429

Little Company of Mary Hospital (Inactive)
2800 West 95th Street
Evergreen Park, IL 60805

LICENSURE:

Illinois, Permanent, Active	1977
Arizona	2009

POST-GRADUATE EDUCATIONAL CONFERENCES:

Preceptorship in Advanced Heart Failure University of Wisconsin, Madison	2010
Society of Computerized Cardiac Tomography Annual Meeting Las Vegas	2010
Mayo Clinic Review in Echocardiography Scottsdale, Arizona	2009
Nuclear Cardiology Review Chicago, IL	2006
Masters Course in Lipidology Chicago, IL	2005
CT Coronary Angiography Milwaukee, WI	2005
ESLM National Meeting Forum Miami, Florida	2005
Great Lakes Regional Working Group: Emerging Science of Lipid Management Cleveland Clinic, Cleveland , OH	2004
Annual Update in Cardiovascular Disease Oak Brook, IL	2004
American Heart Association Chicago, IL	2002
Preventing Atherosclerosis in the 21 st Century Chicago, IL	2002
Mechanical Assist Device Support for Advanced Heart Failure. Chicago, IL	2002
Cardiovascular Disease Evolving Concepts Oak Brook, IL	2002
New Frontiers in Echocardiography, University of Chicago Chicago, IL	1999
Current Practice of Vascular Ultrasound Chicago, IL	1999
Detection of Subclinical Cardiovascular Disease: Emerging Role of EBCT, Chicago, IL	1999

American College of Cardiology New Orleans, LA	1999
New Frontiers in echocardiography, University of Chicago Chicago, IL	1999
American Society of Echocardiography San Francisco, CA	1998
Cardiology Update 1998: Relevant Issues In Clinical Practice, Christ Hospital and Medical Center, Oak Lawn, IL	1998
Lipid Disorder Mini-Fellowship, Rush-Presbyterian St. Luke's Medical Center, Chicago, IL	1998
Advances in Electron Beam Computed Tomography San Francisco, CA	1998
Echocardiography in Context, Changing the Outcome of Coronary Artery Disease, Teleconference, Duke University Christ Hospital Medical Center, Oak Lawn, IL	1997
American College Cardiology Anaheim, CA	1997
American Society of Echocardiography Chicago, IL	1996
Prevention of Heart Disease Focus On Dyslipidemia, Rush Medical College, Chicago, IL	1995
Clinical Nuclear Cardiology Case Review with the Experts, Los Angeles, CA	1995
American College of Cardiology Anaheim, CA	1995
Advances in Ultrafast Computed Tomography, International Symposium, Scottsdale, AZ	1994
Echo Chicago: New Perspectives in Cardiac Ultrasound, Northwestern Medical School, Chicago, IL	1993
Echocardiographic Symposium on 2D and Doppler Echocardiography, Vail, CO	1992
Advanced Echo-Doppler Course, Loyola University Chicago, IL	1991
Coronary Angioplasty for the Basic/Intermediate Dilator	1991

Kansas City, MO

Directional Coronary Atherectomy Dallas, TX	1991
Echo Diagnosis: Challenging the Role of Quantification, Duke University and Medical Center, Teleconference Christ Hospital, Oak Lawn, IL	1991
Intravascular Ultrasound New Orleans, LA	1990
American College of Cardiology Anaheim, CA	1989
Duke University Medical Center: Ultrasound From Work-up to Follow-up: Managing the Cardiac Surgical Patient Chicago, IL	1989
Echo Chicago: Advances in Color Flow Doppler and Transesophageal Echocardiography Chicago, IL	1989
1st International Symposium on Echo and Doppler in Cardiac Surgery, Vienna, Austria	1988
Echo Chicago: Advanced Planar and Color Flow Doppler Echocardiography, Chicago, IL	1988
Duplex Scanning: The Assessment Extracranial Artery Disease, Philadelphia, PA	1988
Preventative Cardiology, Northwest University Medical School Chicago, IL	1988
Nuclear Cardiology Symposium Milwaukee, WI	1986
Echo Chicago: Advanced Planar and Color Flow Doppler Echocardiography, Chicago, IL	1986
Advances in Doppler and Two Dimensional Echocardiography Chicago, IL	1985
American College of Cardiology Dallas, TX	1984
Percutaneous Coronary Angioplasty Miami, FL	1984

Pediatric Doppler Echocardiography San Diego, CA	1984
Advances in Management of Ischemic Heart Disease Chicago, IL	1984
2D and Doppler Echocardiography Chicago, IL	1984
American College of Cardiology New Orleans, LA	1983
Technicians and Physicians Workshop in Cardiac Ultrasound Chicago, IL	1983
Advances in Echocardiography Chicago, IL	1982
American Heart Association, Dallas, TX	1981
Harvard Medical School Postgraduate Course in Cardiac Angiography, Boston, MA	1981
Prostaglandins in Cardiovascular and Thrombotic Disorders, Chicago, IL	1981
American Heart Association, Miami, FL	1980
American College of Cardiology, Houston, TX	1980

JOURNAL REVIEW BOARDS:

Consultant Reviewer for CHEST	2001 - 2003
Editorial Board, Video Journal of Echocardiography	1998 - 2002
Consultant Reviewer for CHEST	1981- 1982

PUBLICATIONS:

Zelinger, A.; Falk, R.; Hood WB. Electrical induced sustained myocardial depolarization as a possible cause for transient ST elevation post-DC elective cardioversion. American Heart Journal 103:1073, 1982.

Zelinger, A.; Abramowitz, B.M.; Schick, E.C.; Ryan, T.J. Variant angina culminating in coronary thrombosis and myocardial infarction. CHEST 82:188, 1982.

Zelinger, A.; Schick, E.C.; Ryan, T.J. Thromboxane in ischemic heart disease (Letter) New England Journal of Medicine 1981, 305:106-7.

- Zelinger, A.;** Shulruff, S.; Pouget, J. Significant left main stenosis following asymptomatic dissection during coronary arteriography. *CHEST* 83:568, 1983.
- Zelinger, A.;** Pouget, J.; Frey, J. Two dimensional echocardiographic demonstration of right arterial obstruction secondary to metastatic lung carcinoma. *Journal of Cardiovascular Ultrasonography.* 1:347, 1983.
- Zelinger, A.;** Davis Z. Utility of intraoperative epicardial two dimensional doppler echocardiography in adult cardiac surgery. *Dynamic Cardiovascular Imaging* 2:25, 1989.
- Zelinger, A.;** Llobet P.R. Duplex and color doppler diagnosis of femoral artery pseudoaneurysm and arteriovenous fistula. *Dynamic Cardiovascular Imaging* 2:97, 1989.
- Zelinger, A.,** Habbal, B. Kokinakos, C. Regression of metastatic cardiac lymphoma demonstrated by transesophageal echocardiography. *Dynamic Cardiovascular Imaging* 2:143, 1989.
- Zelinger, A.** Gorecki, D. "Frozen" St. Jude prosthetic valve leaflet due to adherent thrombus: diagnosis by transesophageal echocardiography. *Dynamic Cardiovascular Imaging* 2:203, 1989.
- Zelinger, A.** Sangarappillai, A.; Gorecki, D. Preoperative assessment of internal mammary arteries by transthoracic duplex and color flow imaging. *Dynamic Cardiovascular imaging* 3: 68, 1990.
- Zelinger, A.** Supain W. TEE and MRI evaluation of Lipomatous atrial septal hypertrophy. *Video Journal of Echocardiography,* 1992.
- Zelinger, A.** Ultrafast CT Scanning: Can Its Promise as a Screening Test for Coronary Disease be Fulfilled? *Journal of The Chicago Medical Society,* 1998.
- Zelinger, A.,** Katyal, A.; Giant "smoke" filled atrial septal aneurysm mimicking a solid tumor mass diagnosed by TEE. *Video Journal of Echocardiography,* 1998.
- Zelinger A,** Katyal A. "TEE diagnosis of papillary fibroelastoma presenting with splenic infarct." *Video Journal of Echocardiography,* 8: 3, 1998
- Kieso H, **Zelinger A.** "Mechanical complications of cardiac metastasis: Demonstration by TTE and TEE." *Video Journal of Echocardiography* 8:3, 1998.
- Zelinger A,** Pappas P, Slaughter M, Tatoes A, Bahn A. Limitations of screening transthoracic two dimensional echocardiography in assessing cardiac injury due to cardiac trauma: A role for intraoperative TEE during initial surgical repair. *Video Journal of Echocardiography,* Spring 1999.
- Ghani A., **Zelinger A.** "Central pulmonary embolism: use of TEE in establishing the diagnosis". *Video Journal of Echocardiography,* Spring 2000.
- Wayhs R., **Zelinger A,** Szabo S. "Sterile, caseous mitral annular abscess: report of two cases and discussion of the literature". *Video Journal of Echocardiography,* Spring 2000.

Szabo S., **Zelinger A**, Pappas P., Dia M. “Left ventricular-right atrial fistula complicating aortic valve replacement”. Video Journal of Echocardiography, Spring 2000.

Bhan AK, **Zelinger A**. “Echocardiographic features of familial myxoma presenting as embolic stroke”. Video Journal of Echocardiography, Fall 2000

Szabo S, **Zelinger A**. Hypernephroma extending into the right atrium: a case emphasizing the importance of subcostal imaging. Video Journal of Echocardiography, Fall 2000.

Callister T, Raggi P, **Zelinger A**, et al. “Identification of Patients at Increased Risk of First Unheralded Acute Myocardial Infarction by Electron Beam Computed Tomography. Circulation 2000; 101: 850-5.

Zelinger A. Graboys T. Tavel M, et. al. “Asymptomatic Coronary Artery Disease—Choices in Evaluation”. Chest 2002; 121: 1684-87.

Wahys R, **Zelinger A**, Raggi P. Electron Beam Computed Tomographic Score >1,000: A Very High Risk Subgroup for Coronary Events. Journal of the America College of Cardiology. 2002; 39: 225-30.

Pravathaneni L, Harp J, **Zelinger A**, Silver MA. Relation Between Brachial Artery Reactivity and Noninvasive Large and Small Arterial Compliance in Healthy Volunteers. American Journal of Cardiology 2002; 89: 894-95.

Cheruku K, Ghani A, Amhed F, Pappas P, Silverman PR, **Zelinger A**, Silver MA. Efficacy of Non-Steroidal Anti-inflammatory Medication For Prevention of Atrial Fibrillation Following Coronary Artery Bypass Surgery. Winter 2004; Journal of Preventive Cardiology.

Silver MA, Lanfsjoen PH, Szabo S, Patel H, **Zelinger A**. Effect of Atorvastatin on Left Ventricular Diastolic Function and Ability of Coenzyme Q10 to Reverse that Dysfunction. Am J Cardiol 2004;94:1306-31

Patel M, **Zelinger A**. Acquired Lutembacher Syndrome. e-Journal of Advocate Health Care. 2005; 7

Lavi N, **Zelinger A**. Thrombotic Ghosts: Echocardiographic Appearance and Implications Regarding the Mechanism of Spontaneous Clot Lysis. Journal of the American Society of Echocardiography 2006

A Ariychaipanich, Takele, C Berkelhammer, **A Zelinger**. The paradox of severe hypercholesterolemia and cachexia as paraneoplastic manifestations of hepatocellular carcinoma. Journal of Clinical Lipidology. 2009; 26:398-400

Nejmeh G, Silverman P, **Zelinger A**. ‘Flap Valve Phenomenon’ Limiting Aortic Regurgitation in Prosthetic Valve Dehiscence. J Am Soc Echocardiogr. Nov 2010.

Tanawuttiwat T, **Zelinger A**, Trivedi D, Tatoes A. Massive aortic thrombus in patient with mechanical prosthetic valve supported with left ventricular assist device. J Cardiovasc Computed Tomogr. Oct 2010.

ABSTRACTS/POSTER PRESENTATIONS:

Utility of operative 2-D echo-Doppler in adult cardiac surgery. **Zelinger, A.**, Davis, Z. 1st International Symposium on Echo and Doppler in cardiac surgery. Vienna, Austria. 1988.

Utility of Intraoperative Echocardiography in adult cardiac surgery. Davis, Z. **Zelinger, A.** 1st Soviet Congress on Cardiac Surgery 1990.

The Utility of Intraoperative Echocardiography for Mitral Valve Surgery
Zelinger A., Gorecki, D., Chicago Cardiology Group, 1991.

The Significance of Coronary Calcification Detected by Electron Beam Tomography (EBCT) in Persons Presenting with First Acute Myocardial Infarction (AMI). **Zelinger A**, Dia M, Caed D. The International Scientific Symposium, Advances in Electron Beam Tomography. San Francisco Calif., Oct. 1997.

Advances in Electron Beam Tomography 1997. Significance of Coronary Calcification Detected by EBT in persons Presenting With Acute MI. **Zelinger, A.**, Dia M., Caed D. 1997.

Biomedicine '98: Electron Beam Computed Tomography Findings in Patients Presenting With Unheralded Acute MI. **Zelinger, A.**, Collister, T., Russo, D., et. al. 1998.

Electron Beam Computed Tomographic Findings In Patients Presenting with Unheralded Acute Myocardial Infarction, **Zelinger A.**, Callister, T., Russo, D., Raggi, P., Dia, M., Caed, D.: Joint Cardiology Program, Christ Medical Center/Rush Medical College, Oak Lawn, IL., and EBT Research Foundation, Nashville, TN, European Society of Cardiology, 1998.

Incidence of Clinical Events in Asymptomatic Persons with Calcification Scores >1,000. R. Wahys, **A. Zelinger**, V. Ganishram, M. Silver. American College of Cardiology/Illinois Chapter, 1999. (**1st prize state winner for best abstract**), also presented American College of Chest Physicians. Oct. 2000,

The efficacy of nonsteroidal anti-inflammatory treatment to prevent post-CABG atrial fibrillation. Ghani A, **Zelinger A**, American Heart Association. Nov. 2000,

Coronary Calcium Score >1000: A Very High Risk Subgroup for MI or Death Identified by EBCT screening, Wahys R, **Zelinger A.**, Raggi P. American College Cardiology. March 2001.

Aortic valve calcification by Electron Beam Tomography; A specific finding for occult coronary artery disease. Wahys R, **Zelinger A**, Raggi P. American College of Chest Physicians. November 2001.

The efficacy of nonsteroidal anti-inflammatory agent ibuprofen in the prevention of atrial fibrillation following coronary bypass graft surgery. Cheruku K, Ghani A, **Zelinger A**. American College of Cardiology. March 2002.

The utility of CT angiography in patients with LVAD and mechanical prosthetic valve. A Tatoes, D Trivedi, T Tanawuttiwat, **A Zelinger**. Journal Computerized Cardiac Tomography. 2010:4;S17

EDUCATIONAL SYMPOSIA AS DIRECTOR OR FACULTY LECTURER:

Cardiovascular Ultrasound Moraine Valley Community College, Palos Hills, IL	1986
Valve Conservation Procedures: Progress in Surgical and Balloon Treatment of Valvular heart disease.	1988
Preceptorship in Transesophageal Echocardiography for the practicing physician.	1990
Current Concepts in Cardiology, Transesophageal and Stress Echocardiography.	1991
Current Concepts in Cardiology. 2nd Annual Symposium. New Modalities for Stress Testing.	1992
Program Coordinator for Echo Diagnosis Challenging the Role of Qualification, Duke University, Teleconference Program, Christ Hospital and Medical Center, Oak Lawn, IL	1996
Program Coordinator for Practical Clinical Insights Teleconference Program, Christ Hospital Medical Center, Oak Lawn, IL	1996
Program Coordinator, Mitral Regurgitation Advances in Diagnosis and Management, Teleconference Mayo Clinic Christ Hospital and Medical Center, Oak Lawn, IL	1996
Program Coordinator, Practical Insight, Duke University Medical Center Teleconference, Christ Hospital and Medical Center, Oak Lawn, IL	1998
Program Coordinator for Echo 2000 Teleconference Christ Hospital Medical Center, Oak Lawn, IL	1997
Update in Cardiovascular Disease; Ultrafast CT Scanning as a Screen for Coronary Artery Disease. South Suburban Hospital, Hazel Crest, IL	1997
Cardiology Update 1998: Relevant Issues in Clinical Practice;	1998

Ultrafast CT Scanning vs Exercise Stress Testing as a Screen for Coronary Artery Disease. Christ Hospital and Medical Center, Oak Lawn, IL	
South Suburban Hospital Educational Symposium, Nontraditional cardiac risk factors. Flossmoor, IL.	2000
Advocate Health Care Electron Beam Tomography Symposium, Oak Brook, IL.	2000
Advocate Health Care Community Education Lecture Series. The role of hormone replacement therapy in cardiovascular disease. Oak Lawn, IL.	2001
Midwest Clinical Conference, sponsor: The Chicago Medical Society. The many faces of dyslipidemia. Chicago, IL.	2001
MidAmerica Cardiovascular Consultants Clinical Conference. Understanding Lipids for the Practicing Physician. Galena, IL.	2001
Fifth Annual Update in Cardiovascular Disease. South Suburban Hospital. Insulin Resistance and its Role in Coronary Artery Disease. Oakbrook, IL.	2001
Oak Forest Hospital Grand Rounds: Update on the Pathophysiology of Atherosclerosis and Management of Hyperlipidemia. Oak Forest, IL	2001
Cardiology Fellowship Lecture Series. Review of Prosthetic Heart Valves. Advocate Christ Medical Center, Oak Lawn, IL.	2001
Cardiology Fellowship Lecture Series, Hormone Replacement Therapy and Cardiovascular Disease. Advocate Christ Medical Center, Oak Lawn, IL.	2001
Cardiology Fellowship Lecture Series, Sudden Death in Athletes. Advocate Christ Medical Center, Oak Lawn, IL.	2002
Lipid Tutorial for the Practicing Physician at Indian Lakes Resort. Program Director and Lecturer. Bloomingdale, IL.	2002
Cardiology Grand Rounds. Aortic Dissection: Advances in Diagnosis and Treatment, Oak Lawn, IL.	2002

Internal Medicine Dept. Lecture South Suburban Hospital. Diabetes, Hypertension, and Renal Disease: Utility of ARBs in Treatment. Hazelcrest, IL.	2002
Cardiovascular Disease Evolving Concepts and Challenges 6 th Annual Update: Preventing Sudden Death in Athletes. Oakbrook, IL.	2002
Preventive Cardiology Symposium at Indian Lakes. Bloomingtondale, IL.	2003
Lipidology, Diabetology, Cardiology: New Directions in Prevention and Treatment. Chicago, IL.	2003
Preventing Strokes: Annual Cardiovascular Prevention Symposium at Indian Lakes. Bloomingtondale, IL.	2004
20 Year Experience with Cardiac Masses: A Collection of Unusual Cases. Chicago Society of Echocardiography	2004
Cardiology Update 2004: Where we have been and where we are going. Westin River North, Chicago, IL	2004
Prosthetic Heart Valves: In search of the Perfect Substitute. Chicago Society of Echocardiography, Oak Lawn, IL.	2005
Assessing and Managing Cardiovascular Risk. Emerging Science of Lipid Management Chicago, IL	2005
Update on Prosthetic Heart Valves: Focus on Echocardiographic Issues Midwest Suburban Echo Society, Harper College	2005
Update 2005: Westin River North Hotel, Chicago, IL	2005
Cardiology Frontiers in Preventive Medicine: Core Curriculum in Coronary Calcification. 2006 Advocate Christ Medical Center, Oak Lawn, IL	2006
Cardiovascular Symposium: From Prevention to Cure. Noninvasive Imaging: Focus on CT Coronary Angiography Advocate Christ Medical Center. Oak Lawn, IL	2007
Controversies in Lipid Management Oak Brook Illinois	2009
Illinois Society of Rehab Medicine: Understanding and Treating Lipid Disorders Oak Lawn, IL.	2010

Role of Echo/Doppler in Interventional Cardiac Procedures: 2011
When Ultrasound Meets Balloons and Sents
Chicago Society of Echocardiography, Oak Lawn, IL.

Current Research:

Co-Investigator ENGAGE AF- TIMI 48 (Effective aNticoaGulation 2009 - Present
with Factor xA Next Generation in Atrial Fibrillation)

Co-Investigator OptiVol® Care Pathway Study 2009 - Present

Co-Investigator PRECEDE-HF (Prospective, Randomized, Evaluation 2007 – 2009
of Cardiac Compass® with OptiVol® in the Early Detection of
Decompensation Events for Heart Failure)

IMPROVE HF (Registry to Improve the Use of Evidence Based Heart 2006 - 2009
Failure Therapies in the Outpatient Setting)

