

CURRICULUM VITAE

Kitipan Visudarom, M.D., Ph.D.

Kitipan V. Arom, M.D., Ph.D. FACS, FACC, FACCP, FRCST (Hon)

- Home Address:** 259 Panya Village, Pattanakarn Road, Bangkok, Thailand 10250
- Business Address:** **Bangkok Heart Hospital**
2 Soi Soonvijai 7
New Petchburi Road
Bangkok, Thailand 10310
 Phone: 662-310-3323
 Fax: 662-310-3088
 e-mail: karom@bangkokheart.com
- Elementary Education:** Rajini Elementary School; Bangkok, Thailand
- High School Education:** Assumption College; Bangkok, Thailand
- Pre-Medical Education:** Chulalongkorn University; Bangkok, Thailand
- Medical Education:** Siriraj Medical School; Bangkok, Thailand
 Degree: MD.,
- Post-Graduate Education:** University of Minnesota Graduate School;
 Minneapolis, Minnesota, USA.
 Degree: Ph.D., in Surgery
- ECFMG:** Certificate #20650
- Medical Licensure:** Thailand; Minnesota USA; Pennsylvania USA; Texas USA
- Internships:** Siriraj University Hospital; Bangkok; Thailand
 University of Kentucky Medical School
- Residencies:**
- General Surgery: University of Minnesota Hospitals, Minneapolis, MN, USA.
 - Cardiothoracic Surgery: University of Minnesota Hospitals, Minneapolis, MN, USA.

Research Experience:

- Experimental Total Cardiopulmonary Bypass in Puppies, Pulmonary Hematological and Hemodynamic Metabolic Studies (*Aldo Castaneda, M.D., Advisor*)
- Anatomical Variation of Pulmonary Outflow Tract in Pulmonary Atresia (*Jesse Edwards, M.D., Advisor*)

Post Graduate Experience:

- University of Minnesota Graduate School, toward Ph.D. in surgery, Minneapolis, MN, USA.
- Fellowship in Cardiology/ Pediatric Cardiology (Dr. James Mohler Advisor), University of Minnesota, Minneapolis, MN, USA
- Fellowship in Cardiac Pathology (Dr. Dr. Jesse Edwards Advisor), University of Minnesota, St. Paul, MN, USA
- Fellowship in Research and Experimental Surgery (PhD Program), University of Minnesota Graduate School of Medicine (Dr. Aldo Castaneda Advisor), Minneapolis, MN, USA.

Board Certification:

- Diplomate American Board of Surgery
- Diplomate American Board of Thoracic Surgery

Academic Appointments:

- Instructor, Department of Surgery, University of Minnesota, Minneapolis, MN, USA
- Assistant Professor, Department of Surgery
The University of Texas Health Science Center; San Antonio, Texas, USA
- Associate Professor, Department of Surgery
The University of Texas Health Science Center, San Antonio, Texas, USA

Hospital Appointments:

- Cardiothoracic Surgeon, University of Minnesota Hospital, Minneapolis, MN, USA.
- Cardiothoracic Surgeon, University of Texas Health Sciences Center, San Antonio, Texas, USA.
- Cardiothoracic Surgeon, Minneapolis Heart Institute-Abbot Northwestern Hospital, Minnesota, USA.
- Chief Cardiothoracic Surgeon, United Hospital-St.Paul Heart & Lung Center, St.Paul, Minnesota, USA
- Chief Cardiothoracic Surgeon, St.Joseph Hospital, Health East System, St.Paul, Minnesota, USA.
- Chief Cardiothoracic Surgeon, John Nasseff Heart Hospital, St.Paul, Minnesota,USA
- Chair, Department of Cardiovascular Diseases, United Hospital, St. Paul, Minnesota, USA
- Chair, Cardiovascular Department, Abbott-Northwestern Hospital Minneapolis, Minnesota, USA
- Chair, Cardiovascular Subsection, St. Joseph Hospital, St. Paul, MN, USA

- Chief Cardiothoracic Surgeons Bangkok Heart Institute, Bangkok Hospital, Bangkok, Thailand
- Director, Bangkok Heart Institute, Bangkok Hospital, Bangkok, Thailand

Present Appointments:

- Director, Bangkok Heart Hospital, Bangkok, Thailand
- Chief, Cardiothoracic Surgeon and Director - Heart Institute, Samitivej Hospital, Bangkok, Thailand
- Advisory Board, The Society of Thoracic Surgeons of Thailand
- Workforce on International Relationships – The Society of Thoracic Surgeons (STS)
- Workforce on National Databases - The Society of Thoracic Surgeons (STS)
- Society's World Director – The International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS)
- Board of Director, Bangkok Dusit Medical Services Public Co., Ltd., Thailand
- Board of Director, Queen Sirikit Northeast Heart Center, University of Khonkaen, Thailand

Professional Societies:

- Thai Medical Association
- Association of Academic Surgery, USA
- American College of Surgeons, Fellow
- American Medical Association
- International Cardiovascular Society, USA
- American Heart Association
- Society of Thoracic Surgeons, USA
- Fellow American College of Cardiology
- Fellow American College of Chest Physician
- Southern Thoracic Surgical Association, USA (member and past president)
- American Association of Thoracic Surgery
- Minneapolis Surgical Society, Minneapolis, MN, USA.
- St. Paul Surgical Society, St.Paul, MN, USA
- Minnesota Surgical Society, Minneapolis, MN, USA.
- Minnesota State Medical Association, Minneapolis, MN, USA.
- Twin City Thoracic and Cardiovascular Surgery Society, Minneapolis, MN, USA. (member and past president)
- Hennepin County Medical Society, Minneapolis, MN, USA
- Ramsey County Medical Society, St.Paul, MN, USA.
- Heart Association of Thailand
- Minnesota Society of Thoracic Surgeons, (member and past president), Minneapolis, MN, USA.
- International Society for Minimally Invasive Cardiac Surgery (member and senior advisor)
- Member Asian Society for Cardiothoracic and Vascular Surgery
- Member Asian Thoracic and Cardiovascular Society
- Society of Thoracic Surgeons of Thailand (member and Advisory Board)

Honors:

- Founder, Minneapolis Heart Institute & Minneapolis Heart Institution Foundation, Mpls, MN, USA
- Board of Director, Minneapolis Heart Institute, Mpls, MN, USA
- Secretary, Minneapolis Heart Institute, Mpls, MN, USA
- Vice President, Minneapolis Heart Institute, Mpls, MN, USA
- Medical Board Director, Abbott-Northwestern Hospital, Mpls, MN, USA
- Editorial Consultant, The Annals of Thoracic Surgery Journal, USA
- Editorial Board, Minneapolis Heart Institute Bulletin, Mpls, MN, USA
- Editorial Board, The Asian Cardiovascular & Thoracic Annals
- Editorial Board, European Journal of Cardio-Thoracic Surgery
- *President, Twin City Thoracic and Cardiovascular Surgery Society, Mpls, MN, USA*
- Vice President, Southern Thoracic Surgical Association, USA
- Council, Southern Thoracic Surgical Association, USA
- *President and Founder Minnesota Society for Thoracic Surgeons, Mpls, MN, USA*
- *President Elect, Southern Thoracic Surgical Association, USA*
- *President, C.Walton and Richard C. Lillehei Surgical Society, Mpls, MN, USA*
- Board Director, C.Walton and Richard C. Lillehei Surgical Society, Mpls, MN, USA
- *President, Southern Thoracic Surgical Association, USA*
- Past President, Southern Thoracic Surgical Association, USA
- Chairman of the Council, Southern Thoracic Surgical Association, USA
- Chairman, Selection Committee, Southern Thoracic Surgical Association, USA
- Recipient Minnesota Humanitarian Award, Mpls, MN, USA
- President's Award "*Best Oral Presentation*" presented at the Tenth Anniversary 2007 Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, June 2007, Rome, Italy

Committees:

- Internship-Residency Advisory Committee, UTHSCSA
- Infection Control Committee, UTHSCSA
- Operating Room Committee, VAH, UTHSCSA
- Radioisotope Control Committee, VAH, UTHSCSA
- Cardiopulmonary Resuscitation Committee, UTHSCSA
- Hyperalimentation Committee (Chairman), UTHSCSA
- Therapeutic Agents and Pharmacy Review Committee, VAH, UTHSCSA
- Transfusion Committee, VAH, UTHSCSA
- Operating Room/Anesthesia Coordination Task Force, United Hospital
- Cardiac Service Committee, United Hospital
- ICU Committee, United Hospital
- CMT Advisory Committee, United Hospital
- Clinical Pathway CQI Committee, United Hospital
- Continuous Quality Improvement Committee, Abbott-Northwestern Hospital
- Operating Room Committee, Abbott-Northwestern Hospital
- Publication Committee, Minneapolis Heart Institute

- Research and Education Committee, Minneapolis Heart Institute
- Technology/Outcomes, Strategic Direction Committee, Society of Thoracic Surgeons
- Database Liaison Committee, The Society of Thoracic Surgeons, USA.
- National Database Committee, The Society of Thoracic Surgeons, USA.
- Workforce on Cardiothoracic Surgery Database, The Society of Thoracic Surgeons, USA to date
- Workforce on International Relationship, The Society of Thoracic Surgeons, USA to date

Research Projects:

- Effects of Pressure and Solution Used to Prepare the Vein Graft UTHSCSA Institutional Grant, 1974-1975
- Prosthesis for Correction of Single Ventricle, American Heart Association, 1975
- Left Ventricular Pressure, Diameter and Myocardial Blood Flow in 4 different Set-ups of Cardiopulmonary Bypass. Partial Support by Faculty Fund & Upjohn Co., 1976
- Evaluation of Cardiac Function After Cardiac Irradiation VAH, UTHSCSA, Merit Review Grant, 1976-1981
- Creation of a Chronic Congestive Heart Failure Model Utilizing Cardiac Irradiation VAH, UTHSCSA, Merit Review Grant, 1976-1981
- Effect of Left Ventricular Distention on the Adequacy of Regional Myocardial Blood Flow
- UTHSCSA Institutional Grant, 1976
- Factors Influencing Pulmonary Edema Following the Re-expansion of Pneumothorax
- UTHSCSA Institutional Grant, 1976
- Trio-Center in Vitro Evaluation of All Pyrolyte Prosthetic Valve Supported by St. Jude Medical, Inc., 1977
- Pulmonary Lymph Flow and Positive Pressure Ventilation NIH Grant Application, 1978
- Experimental Model of Progressive Congestive Heart Failure AHA Grant Application, 1978
- Determination of Lung Bacterial Clearance HEW Public Health Service Grant, 1979
- Comparison of Various Types of Cardioplegic Solutions: Intraoperative Pressure Volume Study United Hospital Research Fund, 1980
- Clinical Evaluation of Esmolol United Hospital Research Fund, 1985
- Influence of Solumedrol in Post Cardiopulmonary Bypass Febrile Response United Hospital Research Fund, 1987
- Influence of Cardiopulmonary Bypass on Gentamicin Pharmacokinetic United Hospital Research Fund, 1987
- Study of Using Computerized EEG During CPB Partially Supported by CNS Inc., 1988
- Influence of Cardiopulmonary Bypass on Lidocaine Pharmacokinetic United Hospital Research Fund, 1988
- Study of The St. Jude Medical Prosthesis: A Ten Years' Follow-up Supported by St. Jude Medical, Inc., 1989
- Study of Various Mechanical Aortic Prosthesis CSA Research, 1990
- Retrograde Cardioplegia: Study of Cannulation Technique. Partially Supported by Research Medical, Inc., 1990
- Myocardial Protection: Comparison between Antegrade & Retrograde Approach. Partially Supported CSA Research & Research Medical, Inc., 1990

- Use of DDAVP & EACA in Cardiopulmonary Bypass Surgery Patients CSA Research, 1991
- Study of Warm Blood Cardioplegia: A Clinical Trial With; A) Different Core Temperature. B) Different Blood Crystalloid Ratio. CSA Research, 1991-94
- Clinical Trail of Aprotinin, Cyclocapron and EACA in Open Heart Surgery. Partially Supported by Miles Pharmaceutical Inc., 1994
- Preoperative Plasmapheresis in Patients Undergoing Re-Open Heart Surgery. CSA Research, 1994
- Fifteen Year Follow-up Study of The St. Jude Medical Prosthesis. Partially Supported by St. Jude Medical Inc., 1994
- Trans Myocardial Revascularization, a multi center trial using Holmium CO₂ laser. 1996.
- Comparison between Heparin -Coated and Non- Heparin Coated Oxygenator, a Medtronic supporting study. 1996.
- Retrospective comparison between Retrograde Cardioplegia alone vs. Antegrade and Retrograde approach, a study of 6000+ patients.
- Twenty Year Follow-up Study of the St. Jude Medical Prosthesis, 1999.
- Minimally Invasive Cardiac Surgery Follow-up study. 1998 – 2000.
- Study of St. Jude Regent Valve, 2000.
- Study of ATS Valve, 2000.
- 25 years follow-up study of St.Jude Medical Valve, 2003.
- Acute Coronary Syndrome Descriptive Study (ACCORD).

Present Research Projects:

- 3F Enable Aortic Heart Valve TM Model 6000, Bangkok Heart Hospital, Bangkok, Thailand, 2005 – 2009.
- A study of combined Coronary Artery Bypass Grafting (CABG) and Blood-Borne Autologous Endothelial Progenitor Cell Therapy in Patients with CHF due to Ischemic Heart Disease, Bangkok Heart Hospital, Bangkok, Thailand, May 2005 to date.
- The Surgical Treatment for Ischemic Heart Failure (STICH) International Multi Center Trial, Bangkok Heart Hospital, Bangkok, Thailand, 2006 to date.
- Efficacy of combined Coronary Artery Bypass Grafting (CABG) and Blood-Borne Autologous Angiogenic Cell Precursors Therapy in patient with Ischemic Cardiomyopathy, Bangkok Heart Hospital, Bangkok, Thailand, 2006 to date.
- Safety and Efficacy of Intramyocardial Autologous Angiogenic Cell Precursors Injection in Dilated Cardiomyopathy, Bangkok Heart Hospital, Bangkok, Thailand, 2006 to date.

Database Projects:

- Stress Echo after OPCAB 6 months, Bangkok Heart Hospital, Bangkok, Thailand
- CTA after OPCAB 1 Year, Bangkok Heart Hospital, Bangkok, Thailand
- The Study of Quality of Life after OPCAB, Bangkok Heart Hospital, Bangkok, Thailand
- The Study of Surgical Database, Bangkok Heart Hospital, Bangkok, Thailand
- The Study of CAG Database, Bangkok Heart Hospital, Bangkok, Thailand
- The Study of the Use of all Arterial Graft for OPCAB CABG, Bangkok Heart Hospital, Bangkok, Thailand
- The Study of the Use and Early Outcome of All Arterial Graft in Diabetic Patient Undergone OPCAB, Bangkok Heart Hospital, Bangkok, Thailand

- The Study of Skeletonization of GEA for OPCAB, Bangkok Heart Hospital, Bangkok, Thailand
- The Study of 1 year Outcome of Sequential LIMA to LAD in OPCAB, Bangkok Heart Hospital, Bangkok, Thailand

Publications and Presentations

1. Limwongse, J, Suwannik R, Arom KV. "*In Traductal Treatment of Opisthorchiasis.*" JMedical Assoc of Thailand, 1964; 47:254.
2. Arom KV. "*Extraglandular Thyroid Tissue.*" Siriraj Hospital Gazette, 1965; 56:109.
3. Urdaneta LF, Arom KV, Delaney JP, Castaneda AR. "*Use of Bilateral Axillofemoral Bypass Prosthesis for the Management of Infected Aortic Bifurcation Grafts.*" Surgery 1969; 65:723.
4. Arom KV, Miller ID, Castaneda AR. "*Pulmonary Changes Following Two Hours of Total Cardiopulmonary Bypass in Puppies.*" Circ Suppl, 1969;40: 111-209. Abstract presented at the 42nd Scientific Session of the American Heart Association, Dallas, Texas 1969
5. Arom KV, Miller ID, Castaneda AR. "*Hematological Studies Following Two Hours of Total Cardiopulmonary Bypass in Puppies.*" Transaction American Society for Artificial Internal Organs 1969;15:161.
6. Arom KV, Miller ID, Castaneda AR. "*Total Cardiopulmonary Bypass in Puppies:Pulmonary Studies.*" Surgery 1970; 68:878.
7. Gobel F, Arom KV, Edwards JE. "*Pseudo Aneurysm of the Left Ventricle Leading to Recurrent Pericardial Hemorrhage.*" Chest 1971; 59:23.
8. Motsay GJ, Arom KV, Schultz LS, Lillehei RC. "*Myasthenia Gravis.*" Minnesota Medicine 1972; 55:333.
9. Arom KV. "*Total Cardiopulmonary Bypass in Infant Puppies.*" A Ph.D. Thesis University of Minnesota Medical School, 1974
10. Arom KV. "*Experimental Total Cardiopulmonary Bypass in Puppies.*" Dissertation Abstracts International 1974; 35:2844B.
11. Trinkle JK, Richardson JD, Franz JL, Grover FL, Arom KV, Holstrom FMG. "Management of Flail *Chest Without Mechanical Ventilation.*" Ann Thorac Surg 1975;19: 355-63.
12. Arom KV, Lyons GW. "*Traumatic Pulmonary Arteriovenous Fistula.*" J Thorac Cardiovasc Surg 1975; 70:918-20.
13. Arom KV, Edwards JE. "*Is Valvotomy Feasible in Pulmonary Atresia with Intract Ventricular Septum?*" Circulation 1975; 52: 11-100.

14. Arom KV, Nicoloff DM. ***“Intrathoracic Paraganglioma Arising from Aortico Sympathetic Paraganglioma.”*** Arch Surg 1976; 111: 275-79.
15. Smith JM, Grover FL, Marcos JJ, Arom KV, Trinkle JK. ***“Blunt Traumatic Rupture of the Atria.”*** J Thorac Cardiovasc Surg 1976; 71: 617-20.
16. Dorman JP, Arom KV. ***“Pulmonary Pseudo Tumor Caused by Actinomycosis.”*** Texas Medicine 1976;72: 65-67.
17. Richardson JD, Campbell D, Grover FL, Arom KV, Wilkins K, Wissinger JP, Trinkle JK. ***“Transthoracic Approach for Pott’s Disease.”*** Ann Thorac Surg 1976; 21:552-56. Presented at the Annual Meeting of the Southern Thoracic Surgical Association in New Orleans, 1975.
18. Arom KV, Lyons GW. ***“Percutaneous Method for Arterial and Venous Monitoring.”*** Am J Surg 1976;132: 133-34.
19. Smith JM, Richardson JO, Grover FL, Arom KV, Webb GE, Trinkle JK. ***“Fatal Air Embolism Following Gunshot Wound of Lung.”*** J Thorac Cardiovasc Surg 1976;72: 296-98.
20. Grover DL, Fewel JG, Yinas J, Ghidoni JJ, Arom KV, Norton JB, Trinkle JK. ***“Effects of Aortic Balloon Pumping During Cardiopulmonary Bypass on Myocardial Perfusion, Metabolism, and Contractility.”*** Chest 1976; 70: 427. Presented at the 42nd Annual Scientific Assembly of the American College of Chest Physicians in Atlanta, Georgia. October 1976.
21. Arom KV, Edwards JE. ***“Relationships between Right Ventricular Muscle Bundles and Pulmonary Valve: Significance in Pulmonary Atresia with Intact Ventricular Septum.”*** Circulation 1976;54 (3):79-83.
22. Arom KV, Molina JE. ***“Prosthesis for Correction of Single Ventricle.”*** Ann Thorac Surg 1977;23: 353-56.
23. Grover FL, Fewel JG, Ghidoni JJ, Norton JB, Arom KV, Trinkle JK. ***“Effects of Ventricular Fibrillation on Coronary Blood Flow and Myocardial Metabolism.”*** J Thorac Cardiovasc Surg 1977; 73:616-24. Presented at the 25th Annual Scientific Session of the American College of Cardiology in New Orleans, Louisiana. February 1976.
24. Arom KV, Richardson JD, Webb G, Grover FL, Trinkle JK. ***“Subxiphoid Pericardial Window in Patients with Suspected Traumatic Pericardial Tamponade.”*** Ann Thorac Surg 1977;23:545-49. Presented to the Annual Meeting of the Southern Thoracic Surgical Association in Acapulco, Mexico. November 1976.
25. Arom KV, Grover FL, Richardson JD, Trinkle JK. ***“Post-Traumatic Empyema.”*** Ann Thorac Surg 1977; 23:254-58. Presented at the 35th Annual Meeting of The American Association for the Surgery of Trauma in Scottsdale, Arizona.1975.

26. Vinas JF, Fewel JG, Grover FL, Richardson JD, Arom KV, Webb GE, Trinkle JK. ***“Effects of Methylprednisolone on Coronary Blood Flow and Myocardial Metabolism during Cardiopulmonary Bypass.”*** Surgery 1977;81: 646-52. Presented at the 38th Annual Meeting of the Society of University Surgeons in Montreal, Quebec, Canada. February 1977.
27. Arom KV, Molina E. ***“Development of the Prosthesis for Correction of Single Ventricle.”*** A.S.A.I.O. Transactions 1977. Presented at the American Society for Artificial Internal Organs in Montreal, Canada. April 1977.
28. Arom KV, Franz JL, Grover FL, Trinkle JK. ***“Subxiphoid Anterior Mediastinal Exploration.”*** Ann Thorac Surg 1977; 24:289-90.
29. Arom KV, Trinkle JK. ***“Solitary Pulmonary Paraganglioma: Case Report and Literature Review.”*** Am Surgery 1977; 43: 689-91.
30. Grover FL, Richardson JD, Fewel JG, Arom KV, Webb GE, Trinkle JK. ***“Prophylactic Antibiotics in the Treatment of Penetrating Chest Wounds: A Prospective Double-Blind Study.”*** J Thorac Cardiovasc Surg 1977; 74: 528-36. Presented at the 57th Annual Meeting of the American Association for Thoracic Surgery in Toronto, Canada. April 18-20, 1977.
31. Richardson JD, Smith JM, Grover FL, Arom KV, Trinkle JK. ***“Management of Subclavian and Innominate Artery Injuries.”*** Am J Surg 1977;134: 780-4. Presented at the 29th Annual Meeting of the Southwestern Surgical Congress in Acapulco, Mexico. April 25-28, 1977.
32. Arom KV, Vinas J, Fewel JG, Bishop VS, Grover FL, Trinkle JK. ***“Is a Left Ventricular Vent Necessary During Cardiopulmonary Bypass”*** Ann Thoracic Surg 1977; 24: 566-73. Presented at the 13th Annual Meeting of the Society of Thoracic Surgeons in San Francisco, California. January 1977.
33. Story JL, Brown WE, Eidelberg E, Arom KV, Stewart JR. ***“Cerebral Revascularization: Common Carotid to Distal Middle Cerebral Artery Bypass.”*** Neurosurg 1978;2: 131-35.
34. Clibon U, Arom KV. ***“Total Parenteral Nutrition Information Manual.”*** Contributed by The Bexar County Hospital Infection Control Committee, Subcommittee on Total Parenteral Nutrition, First Edition May 1978.
35. Story JL, Brown WE, Eidelberg E, Arom KV, Stewart JR. ***“Cerebral Revascularization: Proximal External Carotid to Distal Middle Cerebral Artery Bypass Utilizing a Synthetic Tube Graft.”*** Neurosurg July - August 1978; 3(1):61-5.
36. Sewell RW, Fewel JG, Grover FL, Arom KV. ***“Experimental Evaluation of Re-expansion Pulmonary Edema.”*** Ann Thorac Surg 1978; 26: 126-32. Presented at The Southern Thoracic Surgical Association at Marco Island, Florida. November 1977. Also Presented at The J.B. Australian Surgical Society Meeting at San Antonio, Texas. June 1978.

37. Trinkle JK, Grover FL, Arom KV. ***“Closed Aortic Valvotomy in Infants: Late Results.”*** J. Thorac Cardiovasc Surg August 1978; 76(2):198-201.
38. Trinkle JK, Grover FL, Arom KV. ***“Advances and Controversies in the Management of Flail Chest.”*** Current Concepts in Trauma Care 1978; 15-18.
39. Arom KV, Richardson JD, Grover FL, Trinkle JK. ***“Pulmonary Artery Aneurysm: Case Report and Review of the Literature.”*** Am Surg October 1978; 44(10):688-92.
40. Story JL, Brown WE, Eidelberg E, Arom KV, Stewart JR. ***“Cerebral Revascularization: Common Carotid to Distal Middle Cerebral Artery Bypass.”*** Neurosurg March-April 1978;2(2):131-35.
41. Arom KV, Sewell RW, Jones DJ, Grover FL, Trinkle JK. ***“Does Left Ventricular Distention Really Alter Coronary Flow and Myocardial Metabolism?”*** Surg Forum 1978;29: 253-56. Presented at The Surgical Forum, The American College of Surgeons Meeting at San Francisco, California. October 1978.
42. Emery R, Palmquist W, Arom KV, Mettler E, Nicoloff DM. ***“A New Cardiac Prosthesis: All Pyrolytic Carbon Bi-Leaflet Central Flow Valve.”*** Circulation 1978; 58: 11-83.
43. Sewell RW, Fewel JG, Arom KV, Grover FL. ***“Effects of Nitroprusside on Regional Myocardial Blood Flow and Metabolism in the Infarcted Heart.”*** Surg Forum 1978; 29: 244-46. Presented at the Surgical Forum, The American College of Surgeons Meeting in San Francisco. October 17, 1978.
44. Standefer JA, Arom KV, Bannayan GA, Richardson JD, Grover FL, Trinkle JK. ***“Effect of Pressure and Perfusate on Arterialized Vein Grafts.”*** Presented at the Southwestern Surgical Congress in Palm Springs, California. April 1978. Also presented at the J.B. Aust Surgical Society Meeting in San Antonio, Texas. June 1979.
45. Story JL, Brown WE, Eidelberg E, Arom KV, Stewart JR, Smith BD. ***“Cerebral Revascularization: Cervical Carotid Artery in Transcranial Arterial Long Graft Bypass.”*** Advances in Neurosurgery 1979.
46. Grover FL, Ellestad C, Arom KV, Root HD, Cruz AB, Trinkle JK. ***“Diagnosis and Management of Major Tracheobronchial Injuries.”*** Ann Thorac Surg October 1979; 28:384-91.
47. Trinkle JK, Holmstrom FMG, Arom KV, Grover FL. ***“The Mechanism of Pulmonary Insufficiency in Flail Chest.”*** Surgical Rounds 1979; 2:58.
48. Vinas JF, Fewel JG, Arom KV, Trinkle JK, Grover FL. ***“Effects of Systemic Hypothermia on Myocardial Metabolism and Coronary Blood flow in the Fibrillating Heart.”*** J Thorac Cardiovasc Surg June 1979; 77 (6):900-07.

49. Trinkle JK, Toon RS, Franz JL, Arom KV, Grover FL. ***"Affairs of the Wounded Heart: Penetrating Cardiac Wounds."*** J of Trauma 1979; 19 (6):467. Presented at the Annual Meeting of the Society of Thoracic Surgeons in Phoenix, Arizona. January 1979.
50. Nicoloff DM, Emery RW, Wang Y, Jorgensen CR, Arom KV, Lindsay WG. ***"Hemodynamic and Clinical Evaluation of the St. Jude Valve"*** AAMI Proceedings 1979:XVI.
51. Arom KV, Bishop VS, Grover FL, Trinkle JK. ***"Effect of Therapeutic Dose Radiation on LV Function in Awake Dogs."*** Ann Thorac Surg August 1979; 28 (2):166-75. Presented at the Annual Meeting of the Society of Thoracic Surgeons in Phoenix, Arizona. January 1979.
52. Arom KV, Grover FL, Trinkle JK. ***"Myocardial Protection during Cardiac Operation: An Overview."*** Presented at the Seventh Asian Pacific Congress of Cardiology in Bangkok, Thailand. November 1979.
53. Trinkle JK, Grover FL, Arom KV. ***"Management of the Thoracic Trauma Victim."*** J.B. Lippincott and Company, 1980.
54. Grover FL, Fewel JG, Schrank KP, Ghidoni JJ, Arom KV, Trinkle JK. ***"Effects of Various Periods of Cold Potassium Cardioplegic Arrest Upon Myocardial Contractility and Metabolism."*** J of Surg Res April 1980; 28:328-37.
55. Schrank KP, Fewel JG, Arom KV, Trinkle JK, Webb GE, Grover FL. ***"Effects of Morphine Anesthesia on Myocardial Contractility Blood Flow and Metabolism"*** J Surg Res April 1980; 28-319-27.
56. Arom KV, Grover FL, Trinkle JK. ***"Does Cardioplegic Arrest Compromise Long-Term Ventricular Function?"*** Ann Thorac Surg. June 1980; 29:539-45.
57. Grover FL, Fewel JG, Ghidoni JJ, Arom KV, Trinkle JK. ***"Is Potassium a Necessary Component of Cardioplegic Solutions?"*** J Surg Res July 1980; 29(1):62-70.
58. Arom KV, Ellestad C, Grover FL, Trinkle JK. ***"Objective Evaluation of the Efficacy of Various Venous Cannulas."*** J Thorac Cardiovasc Surg March 1981;81(3):464-9.
59. Starling MD, Groves BM, Forest D, Toon R, Arom KV. ***"Aorta-Coronary Vein Fistula-A Complication of Coronary Artery Bypass Graft Surgery."*** Chest January 1981; 79:64-68.
60. Arom KV, Angaran DM, Manning SB, Northrup WF, Lindsay WG, Nicoloff DM. ***"Impredictability of Serum Potassium Response to Potassium Supplementation Following Open Heart Surgery."*** J of Cardiovasc Surg 22:471-472. Presented at XV World Congress of the ICVS, Athens, Greece, September 1981.
61. Nicoloff DM, Emery RW, Arom KV, Northrup WF, Jorgensen CR, Wang Y, Lindsay WG. ***"Clinical and Hemodynamic Results with St. Jude Medical Cardiac Valve Prostheses: A Three-Year Experience."*** J Thorac Cardiovasc Surg 1981;82(5):674-83.

62. Arom KV, Nicoloff DM. "**Section on Cardiovascular Surgery (What's New with Cardiac Surgery).**" *Cardiopulmonary Medicine, the Bulletin of the American College of Chest Physicians* 1981; 20:3:4-6.
63. Park MK, Ludden T, Arom KV, Rogers L, Oswald JD. "**Myocardial vs. Serum Dioxin Concentrations in Infants and Adults.**" *Am J Dis Child*, 1982; 136(5):418-20.
64. Manning SH, Angaran DM, Arom KV, Lindsay WG, Northrup WF, and Nicoloff DM. "Intermittent Intravenous Potassium Therapy in Cardiopulmonary Bypass Patients". *Clin Pharm*, 1982; 1(3):234-38.
65. Arom KV, Angaran DM, Lindsay WG, Northrup WF, Nicoloff DM. "**Effect of Sodium Nitroprusside During the Pay Back Period of Cardiopulmonary Bypass on the Incidence of Postoperative Arrhythmia's.**" *Ann Thorac Surg*, 1982; 34(3):307-12.
66. Arom KV. Discussion Paper: "**Cardiovascular Effects of Protamine Sulfate.**" *J Thorac Cardiovasc Surg*, 1982; 84:4:513.
67. Arom KV, Nicoloff DM, Kersten TE, Northrup WF, Lindsay WG. "**Reoperation for Coronary Artery Bypass**" *The Bulletin of the Minneapolis Heart Institute*, Spring 1983.
68. Arom KV, Northrup WF, Lindsay WG, Nicoloff DM. "**Simplified System for Blood Cardioplegia.**" *Ann Thorac Surg* 1983; 35(1):108-110.
69. Arom KV, Kersten TE, Northrup WF, Lindsay WG, Nicoloff DM. "**Reoperation for Coronary Artery Bypass**" *J Cardiovasc Surg* 1983; 224:538.
70. Arom KV. Discussion Paper: "**Left Ventricular Venting in CABG.**" *J Thorac Cardiovasc Surg*. 1983; 86:3:349
71. Nicoloff DM, Lindsay WG, Arom KV, Northrup WF, Emery RW, Kersten TE. "**4 1/2 Years' Experience with the St. Jude Prosthesis.**" Chapter in *Advances in Cardiac Valves: Clinical Perspectives*, York Medical Books, Michael E. DeBakey, Ed., p. 25-32, 1983.
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317. Arom KV. **“Medical Tourism in a Global CT Arena: International Symposium”** Presented at the Society of Thoracic Surgery (STS), San Diego, USA, January 27 – 31, 2007.
318. Arom KV. **“Direct Stem Cell Implantation and Outcomes”** Presented at the Cardiac Surgical Grand Rounds, St. Joseph’s Hospital in Minneapolis, USA, February 1, 2007.
319. Arom KV, **“Clinical Trials of Stem Cell Therapy in Heart Disease: Intra-coronary Implantation”** Presented at the 1st Joint Meeting between APSAVD and 5th Annual Scientific Meeting of Thai Atherosclerosis Society: Stem Cell Therapy in Atherosclerosis”, Siam City Hotel, Bangkok, Thailand, February 3 – 4, 2007.
320. Ruengsakulrach P, Arom KV, Jotisakulratana V. **“Intramyocardial Injection of Angiogenic Cell Precursors for Cardiomyopathy”** Poster presented at the 15th Annual Meeting of Asian Society for Cardiovascular Surgery, Beijing, China, May 17-20, 2007.
321. Pitiguagool V, Arom KV, Banyatpiyaphod S, Jotisakulratana V, Pamornsing P, Suwanakijboriharn C, Asavapiyanond S, Ruengsakulrach P, Vatcharasiritham C. **“Sternal Sparing Cardiac Surgery”** Abstract presented at the 15th Annual Meeting of Asian Society for Cardiovascular Surgery, Beijing, China, May 17-20, 2007.
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325. Arom KV, Ruengsakulrach P, Jotisakulratana V. ***“Efficacy of Intramyocardial Injection of Angiogenic Cell Precursors for Ischemic Cardiomyopathy: A Case Match Study”*** Abstract presented at the International Society for Minimally Invasive Cardiothoracic Surgery: 10th Anniversary Scientific Meeting (ISMICS), Rome, Italy, June 6-9, 2007.
326. Arom KV, Ruengsakulrach P, Jotisakulratana V. ***“Direct Intramyocardial Injection of Autologous Angiogenic Cell Precursors for Cardiomyopathy”*** Abstract accepted by the American College of Chest Physicians (ACCP) and selected as a semifinalist for the 2007 CHEST Foundations’ Young Investigator Awards and presented at the CHEST 2007, the Annual Meeting of the American College of Chest Physicians, IL, USA, October 20 – 25, 2007.