

CURRICULUM VITAE

Name: Anelechi (Ani) C. Anyanwu, M.D.

Address: Department of Cardiothoracic Surgery
Mount Sinai Medical Center
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Tel: 212-659-6811

Education:

1984 – 1990 Medical School, University of Nigeria, Enugu, Nigeria
1991 – 1992 Internship, University of Nigeria Teaching Hospital, Enugu, Nigeria
1996 – 1998 Masters of Science, Economic and Quantitative Methods in Healthcare with Distinction City University, London, England

Postdoctoral Training:

Internship and Residencies:

1992 – 1996 Basic Surgical Training, Fellowship of the Royal College of Surgeons (FRCS); Various Hospitals, London, England
1998 – 2004 Cardiothoracic Residency
Harefield Hospital, Harefield, England and Hammersmith Hospital, London, England

Licensure and Certification:

1995 General Medical Council (United Kingdom) Full Licensure
2004 State of New York Limited Medical Permit
2006 State of New York 3 Year Limited License #: 00261
2005 Certificate of Completion of Specialist Training in Cardiothoracic Surgery (United Kingdom)

Qualifications:

1991 Bachelor of Medicine and Bachelor of Surgery (University of Nigeria)
1995 Fellowship of the Royal College of Surgeons (Royal College of Surgeons of England)
1995 Fellowship of the Royal College of Edinburgh (Royal College of Surgeons of Edinburgh)
1999 Masters of Science in Economic and Quantitative Methods in Healthcare (City University, London)
2001 Doctor of Medicine (Research) (University of London)
2003 Fellowship of the Royal College of Surgeons in Cardiothoracic Surgery (Royal College of Surgeons of England)

Academic Appointments:

- 1996 – 1998 Research Fellowship, Clinical Effectiveness Unit,
Royal College of Surgeons of England, London, England
- 2004 – 2006 Advanced Fellowship in Cardiac Surgery
Mount Sinai Medical Center, New York, NY
- 2006 – Associate Professor, Department of Cardiothoracic Surgery
Mount Sinai Medical Center, New York, NY

Hospital Appointments:

- 2006 – Attending Surgeon, Mount Sinai Medical Center, New York, NY

Principal Clinical and Hospital Responsibilities:

- 2006 – Director, Heart and Heart-Lung Transplantation
- 2006 – Director, Mechanical Circulatory Assist Devices
- 2007 – Co-Director, Valve Repair Program

Major Administrative Responsibilities:**Committee Assignments:****Hospital:**

- 2003 Early Discharge after Cardiac Surgery, Harefield Hospital
- 2005 – Cardiac Transplantation Multidisciplinary Committee, Mount Sinai Hospital
- 2006 – Surgical Care Improvement Program (SCIP), Mount Sinai Hospital

Professional Society Involvement:

- 1997 – British Transplantation Society
- 1997 – Royal Society of Medicine, Cardiothoracic and Transplantation Sections
- 1999 – Society of Cardiothoracic surgeons of Great Britain and Ireland
- 2007 – The International Society for Heart & Lung Transplantation
- 2008 – The Society of Thoracic Surgeons

Editorial Boards

- 2004 – Guest Reviewer, European Journal of Cardiothoracic Surgery
- 2005 – Guest Reviewer, The Annals of Thoracic Surgery
- 2008 Member Editorial Board, Perfusion

Awards and Honors:

- 1985 Gulf Oil Company University Scholarship
50 Annual Awards given to students excelling in the 1st University year
- 1988 Wilson Onuigbo Prize for Histopathology
Awarded annually to the three best histopathology students
- 1990 Best Student Final MBBS examinations
University of Nigeria
- 1996 Audit Research Fellowship
Royal College of Surgeons of England

1999	Biotest-ESOT Research Award Awarded biannually for best presentation European Society for Organ Transplantation
1999	Distinction Award for MSc City University, London, England
2001	Edwards Medal Awarded annually for best presentation Society of Cardiothoracic Surgeons of Great Britain and Ireland
2001	Hunterian Professorship Royal College of Surgeons of England

Clinical Practice, Experience and Skills

General training in all aspects of adult cardiothoracic surgery
 Specialized training in transplantation, mechanical assist devices and surgery for heart failure
 Specialized training in mitral valve repair and complex valvular surgery
 Interest in minimally invasive surgery and complex cardiac surgery especially reoperative valvular surgery

Statement of Career Goals

My major long-term academic career goal is to rise to a leadership role within our specialty in the field of outcomes research. I have been involved in outcomes research for over a decade and am a distinguished Hunterian Professor at the Royal College of Surgeons of England. I was privileged as a junior trainee to read three papers, all related to outcomes research, at the 81st annual Meeting of the AATS in 2001 – an accomplishment I was told was unprecedented in recent times. I am very interested to join forces with other like-minded academic surgeons and surgical statisticians to forge ways we can improve the quality of our outcomes research. I have written articles and editorials on this subject and have also lectured on these issues at EACTS and AATS courses. I see my ability to critically understand and assess outcomes research as my main potential academic contribution to our specialty.

Another career goal is to continue to develop as a clinical and academic teacher of current and future cardiothoracic surgeons. In my first leadership role in our Department, I have pioneered exponential growth in Mount Sinai's ventricular assist program, both in terms of quantity and quality, and we are now performing over 40 ventricular assist devices a year with excellent outcomes. I would hope that I can develop our center into a major educational, training and academic center for mechanical assist devices. I am also the co-Director of our Mitral Valve Repair Program, and actively participate in courses and live surgery with several visiting surgeons per year. I have also had an opportunity to speak on the subject of mitral valve repair in several courses and meetings around the world. Both of these experiences have taught me the honor and responsibility of leadership in academic surgery, and have brought me great professional satisfaction. To date my current activities globally have been restricted to presentations at meetings and courses. However, given my roots in Africa, training in Europe and current practice in the United States, I would ultimately like to see myself taking a secondary role in global development of cardiothoracic surgery in addition to my local and national responsibilities.

Report of Research:

- 1996-2005 Several publications in peer-reviewed journals and presentations at national and international meetings including three presentations at the American Association for Thoracic Surgery.
- 1996-1998 Taught MSc course in research methods. Trained in the use of SAS statistical software.
- 1996-1998 Principal researcher on a large Department of Health funded national prospective study on cardiopulmonary transplantation in the United Kingdom. Thesis of this work was accepted for an MD research degree and formed the basis of a Hunterian lecture
- 1998 Multicenter study evaluating the cost-effectiveness of lung transplantation. Was awarded a distinction MSc for this work which was also presented at 81st Annual Meeting of The American Association of Thoracic Surgery

Major Research Interests: Health Care Outcomes Research

Continuing Medical Education:

- 2007 International Society for Heart & Lung Transplantation 27th Annual Meeting and Scientific Sessions, San Francisco, CA, April 24-29, 2007
- 2007 Assisted Circulation Conference, Big Sky Resort in Big Sky, Montana, August 18-24, 2007
- 2007 Latest Techniques in Cardiac Surgery Symposium, Leipzig, Germany, December 4-9, 2007
- 2008 International Society for Heart & Lung Transplantation 28th Annual Meeting and Scientific Sessions, Boston, MA, April 8-13, 2008
- 2008 Aortic Surgery Symposium, New York, New York, May 8-9, 2008

Invited Presentations:

- 1997 Public Reporting Of Outcome Data – The Importance of Data Validation and Risk Stratification. Royal College of Surgeons of England Audit Roadshow, University of Wales Hospital, Cardiff, November 1997

- 1998 Should Recipient Risk Be A Factor In Choosing Recipients For Sub-Optimal Donor Hearts? European Workshop on Graft-Classification, Baden, Austria, July 1998
- 1999 Radial Artery for Coronary Artery Bypass Surgery. Brompton Annual Cardiac Surgery Course, London, May 1999
- 2001 Weighing Health Outcomes and Costs: Economic Evaluation of Lung Transplantation. Exploring Contemporary Issues in Surgical Practice, Royal College of Surgeons of England, London, June 2001
- 2001 Measuring and Evaluating Outcomes of Surgical Procedures. Hunterian Lecture Royal Society of Medicine, London November 2001
- 2004 Predicting Outcome Of The Individual Patient – Illustrations From Heart Transplantation/ Risk Stratification In Cardiac Surgery – Is It Relevant? Imperial College, London April 2004
- 2006 Choosing Endpoints. European Association of Cardiothoracic Surgery Advanced Science Course, Prague March 2006
- 2006 Pitfalls of Database Research. European Association of Cardiothoracic Surgery Advanced Science Course, Prague March 2006
- 2006 Limitations of Rcts in Surgical Practice. European Association of Cardiothoracic Surgery Advanced Science Course, Prague March 2006
- 2006 Assessing Outcomes Following Valve Reconstruction, Heart Valve Club, Mount Sinai Medical Center, New York, October 13, 2006
- 2007 Outcomes Of Mitral Valve Repair – Interpreting The Literature. European Valve Repair Group, London, UK, March 2007
- 2007 Surgical Mortality In Low Gradient Low EF Aortic Stenosis: Does Size Make A Difference? The Society for Heart Valve Disease Fourth Biennial Meeting, New York, June 2007
- 2007 Outcomes of Mitral Valve Repair: Interpreting the Literature. Hammersmith Valve Symposium, London, UK, April 2007
- 2008 Critically Interpreting the Mitral Valve Repair Literature. Postgraduate Course, The American Association for Thoracic Surgery Annual Meeting, San Diego, CA, May 9 – 14, 2008
- 2008 Beyond Evidence – Factors Influencing Choice of Medical Therapies. Imperial College Healthcare – Hammersmith Hospital 1st Annual Symposium, London, England, July 4, 2008

- 2008 Interpreting The Mitral Valve Repair Literature, Faculty, 5th Mula Rafflesia Heart Valve Symposium, Da Nang, Vietnam, August 25 – 31, 2008
- 2008 Valve Repair Techniques in Degenerative Mitral Valve Disease. Faculty, 5th Mula Rafflesia Heart Valve Symposium, Da Nang, Vietnam, August 25 – 31, 2008
- 2008 Ischemic mitral regurgitation: limits of our knowledge. Anyanwu AC. Faculty, Birmingham Review Course in Cardiothoracic Surgery, Birmingham, UK, October 2 – 6, 2008

Regional, National, and International Contributions:

- 1998 Audit, outcomes or epidemiology? A review of audit papers submitted to the Annals of the RCS Anyanwu AC. Oral presentation, Audit conference for surgical trainees, Royal College of Surgeons of England, London, June 1998
- 1998 Current status of intrathoracic transplantation – a national prospective study Anyanwu AC, Rogers CA, Murday AJ. Poster presentation, XVII World Congress of the Transplantation Society, Montreal, July 1998
- 1998 Should recipient risk be a factor in choosing recipients for sub-optimal donor hearts? Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, XVII World Congress of the Transplantation Society, Montreal, July 1998
- 1999 Assessment of health related quality of life in pulmonary transplantation: Application of a simple generic tool. Anyanwu AC, McGuire A, Rogers CA, Murday AJ. Oral presentation, British Transplant Society, Glasgow, March 1999
- 1999 Development of a simple model for predicting survival after adult orthotopic heart transplantation. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, British Transplant Society, Glasgow, March 1999
- 1999 Where are we today with pulmonary transplantation? Current results from a national cohort. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, Society of Cardiothoracic Surgeons, Nottingham, March 1999
- 1999 Development of a simple model for predicting survival after adult orthotopic heart transplantation. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, Society of Cardiothoracic Surgeons, Nottingham, March 1999
- 1999 Assessment of health related quality of life in pulmonary transplantation: Application of a simple generic tool. Anyanwu AC, McGuire A, Rogers CA, Murday AJ. Oral presentation, International Society for Heart and Lung Transplantation, San Francisco, April 1999
- 1999 Development of a simple model for predicting survival after adult orthotopic heart transplantation. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, International Society for Heart and Lung Transplantation, San Francisco, April 1999
- 1999 Does splitting the lung block into two single lung grafts equate to doubling societal benefit from bilateral lung donors? Comparisons between two single vs one bilateral lung transplant. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, International Society for Organ Sharing, Maastricht, April 1999

- 1999 Factors influencing graft ischaemic time in cardiac transplantation. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, International Society for Organ Sharing, Maastricht, April 1999
- 1999 Where are we today with pulmonary transplantation? Current results from a national cohort. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, European Society for Organ Transplantation, Oslo, June 1999
- 1999 Does splitting the lung block into two single lung grafts equate to doubling societal benefit from bilateral lung donors? Comparisons between two single vs one bilateral lung transplant. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, European Society for Organ Transplantation, Oslo, June 1999
**Awarded prize for best presentation*
- 1999 Factors influencing graft ischemic time in cardiac transplantation. Anyanwu AC, Rogers CA, Murday AJ. Oral presentation, European Society for Organ Transplantation, Oslo, June 1999
- 1999 Off-pump full arterial revascularisation using the octopus method. Anyanwu AC, Patel R, Bustami M, Riedel B, Ilsley C, Yacoub M, Amrani M. Poster presentation, Vienna Interdisciplinary Symposium for Interventional Cardiologists and Cardiac Surgeons, Vienna, October 1999
- 2000 Outcome of cystic fibrosis for patients receiving a heart-lung or double lung transplant. Jones C, Rogers CA, Anyanwu AC, Murday AJ. Oral presentation, British Transplantation Society, Cardiff, March 2, 2000
- 2000 Factors influencing recipient selection in adult cardiac transplantation – an analysis of 466 transplants. Anyanwu AC, Jones C, Rogers CA, Murday AJ. Oral presentation, British Transplantation Society, Cardiff, March 2000
- 2000 Coronary artery bypass surgery using the radial artery – cross-sectional survey of subjective patient outcomes. Saeed I, Anyanwu AC, Yacoub M, Amrani M. Oral presentation, Society of Cardiothoracic Surgeons, London, March 2000
- 2000 Redefining the marginal donor heart: multivariate analysis of donor dependent factors for early graft failure. Anyanwu AC, Rogers CA, Jones C, Murday AJ. Poster presentation, Society of Cardiothoracic Surgeons, London, March 2000
- 2000 Outcome of cystic fibrosis for patients receiving a heart-lung or double lung transplant. Jones C, Rogers CA, Anyanwu AC, Murday AJ. Oral presentation, Society of Cardiothoracic Surgeons, London, March 2000
- 2000 Low incidence and severity of transplant coronary artery disease after domino heart transplantation. Anyanwu AC, Banner N, Mitchell A, Khaghani A, Yacoub M. Oral presentation, International Society for Heart and Lung Transplantation, Osaka, April 2000

- 2000 Early and late results of domino heart transplantation. Anyanwu AC, Banner N, Radley Smith R, Khaghani A, Yacoub M. Oral presentation, International Society for Heart and Lung Transplantation, Osaka, April 2000
- 2000 How far do patients travel for cardiac transplantation? Analysis of a current national cohort. Jones C, Rogers CA, Breadmore K, Anyanwu AC, Murday AJ. Poster presentation, International Society for Heart and Lung Transplantation, Osaka, April 2000
- 2000 Redefining the marginal donor heart: multivariate analysis of donor dependent factors for early graft failure. Anyanwu AC, Rogers CA, Jones C, Murday AJ. Oral presentation, International Society for Heart and Lung Transplantation, Osaka, April 2000
- 2000 Medium term results of heterotopic heart transplantation. Bleasdale R, Banner NR, Anyanwu A, Khaghani A, Mitchell A, Yacoub MH. Oral presentation, British Cardiac Society, Glasgow, May 2000
- 2000 Can similar practice and outcomes of arterial revascularisation be maintained without the use of cardiopulmonary bypass? Anyanwu AC, Patel R, Bustami M, Riedel B, Ilsley C, Yacoub M, Amrani M. Poster presentation, International Society for Minimally Invasive Cardiac Surgery, Atlanta, June 2000
- 2000 Who receives a transplant? Factors influencing recipient selection in adult cardiac transplantation. Anyanwu AC, Rogers CA, Jones C, Breadmore K, Murday AJ. Poster presentation, XVIII World Congress of the Transplantation Society, Rome, September 2000
- 2001 Primary lung carcinoma after heart or lung transplantation – epidemiology management and outcomes. Anyanwu AC, Townsend ER, Banner N, Burke M, Khaghani A, Yacoub MH. Oral presentation, Society of Cardiothoracic Surgeons, Nottingham, March 2001
- 2001 Costs, benefits and cost-effectiveness of lung transplantation. Anyanwu AC, McGuire A, Rogers CA, Murday AJ. Oral presentation, Society of Cardiothoracic Surgeons, Nottingham, March 2001
**Awarded prize for best presentation*
- 2001 An economic evaluation of lung transplantation. Anyanwu AC, McGuire A, Rogers CA, Murday AJ. Oral presentation, American Association for Thoracic Surgery, San Diego, May 2001
- 2001 Primary lung carcinoma after heart or lung transplantation – epidemiology management and outcomes. Anyanwu AC, Townsend ER, Banner N, Burke M,

- Khaghani A, Yacoub MH. Oral presentation, American Association for Thoracic Surgery, San Diego, May, 2001
- 2001 Mortality data in the journals may create unrealistic expectations. Anyanwu AC, Treasure T. Oral presentation, American Association for Thoracic Surgery, San Diego, May 2001
- 2002 Do randomized clinical trials form robust evidence on which to base our cardiothoracic surgical practice? Anyanwu AC, Treasure T. Interactive presentation, Society of Cardiothoracic Surgeons, Bournemouth, March 2002
- 2003 Surgical research revisited – randomized trials in the cardiac surgical literature. Anyanwu AC, Treasure T. Oral presentation, European Association of Cardiothoracic Surgery, Vienna, October 2003
- 2005 Epidemiology of stroke after cardiac surgery in the current era. Anyanwu AC, Adams D, Salzberg S, Bronster D, Filsoufi F. Oral presentation, American Heart Association, Dallas, November 2005
- 2007 Influence of concomitant mitral valve dysfunction on survival after aortic valve replacement. Anyanwu AC, Filsoufi F, Rahmanian PB, Castillo JG, Adams DH. Oral presentation, The Society for Heart Valve Disease Fourth Biennial Meeting, New York, June 2007
- 2008 Mitral valve replacement with autologous glutaraldehyde fixed pericardium. Chikwe J, Anyanwu AC, Rahmanian PB, Castillo JG, Filsoufi F, Adams DH. Oral presentation, Annual meeting, Society for Cardiothoracic Surgery in Great Britain and Ireland, Edinburgh, Scotland, March 6 – 16, 2008
- 2008 Surgical techniques in carcinoid heart disease. Anyanwu AC, Castillo J, Chikwe J, Adams DH. Oral presentation, European Association for Cardiothoracic Surgery, Lisbon, September 13 – 18, 2008
- 2009 Poor Outcomes Resulting from Ventricular Assist Devices Implanted in Hospitals without Dedicated VAD Programs. Anyanwu AC, Pinney S, Ashley K, Hammond K, Adams DH. Accepted for Oral Presentation, International Society for Heart and Lung Transplantation 29th Annual Meeting and Scientific Sessions, Paris, April 22 – 25, 2009

Bibliography

Original Articles:

1. Anyanwu, A. Comparison of diclofenac sodium and morphine sulphate for postoperative analgesia after day case inguinal hernia surgery. *Ann R Coll Surg Engl* 1997; 79(2):155.
2. Anyanwu, AC. Palliative surgery in malignant obstructive jaundice: prognostic indicators of early mortality. *J R Coll Surg Edinb* 1998 Oct;43(5):358-9.
3. Anyanwu AC, Moalypour SM. Are abdominal radiographs still overutilized in the assessment of acute abdominal pain? A district general hospital audit. *J R Coll Surg Edinb* 1998 Aug;43(4):267-70.
4. Anyanwu AC, Hossain S, Williams A, Montgomery AC. Karydakos operation for sacrococcygeal pilonidal sinus disease: experience in a district general hospital. *Ann R Coll Surg Engl* 1998 May; 80(3):197-9.
5. Anyanwu AC, Rogers CA, Murday AJ. Should recipient risk be a factor in choosing recipients for suboptimal donor hearts: a multi-institutional study. *Transplant Proc* 1999 Feb-Mar; 31(1-2):1399-400.
6. Anyanwu AC, Rogers CA, Murday AJ. Review of the current state of thoracic transplantation: a national prospective cohort study. UK Cardiothoracic Transplant Audit Steering Group. *Transplant Proc* 1999 Feb-Mar;31(1-2):165.
7. Anyanwu A, O'Riordan D. Laparoscopic versus open mesh repair of inguinal hernia. Unblinded trials may not be more reliable than observational studies. *BMJ* 1999;318(7177);190.
8. Anyanwu AC, Rogers CA, Murday AJ. A simple approach to risk stratification in adult heart transplantation. *Eur J Cardiothorac Surg* 1999 Oct;16(4):424-8.
9. Anyanwu AC, Rogers CA, Murday AJ. Variations in cardiac transplantation: comparisons between the United Kingdom and the United States. *J Heart Lung Transplant* 1999 Apr;18(4):297-303.
10. Anyanwu AC, Rogers CA, Murday J. Where are we today with pulmonary transplantation? Current results from a national cohort. UK Cardiothoracic Transplant Audit Steering Group. *Transpl Int* 2000;13 Suppl 1:S245-6.
11. Anyanwu AC, Rogers CA, Murday AJ. Does splitting the lung block into two single lung grafts equate to doubling the societal benefit from bilateral lung donors? Comparisons between two single versus one bilateral lung transplant. UK Cardiothoracic Transplant Audit Steering Group. *Transpl Int* 2000;13 Suppl 1:S201-S202.

12. Saeed I, Anyanwu AC, Yacoub MH, Amrani M. Subjective patient outcomes following coronary artery bypass using the radial artery: results of a cross-sectional survey of harvest site complications and quality of life. *Eur J Cardiothorac Surg* 2001 Dec;20(6):1142-6.
13. Anyanwu AC, Saeed I, Bustami M, Ilesley C, Yacoub MH, Amrani M. Does routine use of the radial artery increase complexity or morbidity of coronary bypass surgery? *Ann Thorac Surg* 2001 Feb;71(2):555-9; discussion 559-60.
14. Anyanwu AC, McGuire A, Rogers CA, Murday AJ. Assessment of quality of life in lung transplantation using a simple generic tool. *Thorax* 2001 Mar;56(3):218-222.
15. Anyanwu AC, Rogers CA, Murday AJ. Intrathoracic organ transplantation in the United Kingdom 1995-99: results from the UK cardiothoracic transplant audit. *Heart* 2002 May;87(5):449-54.
16. Anyanwu AC, Al-Ruzzeh S, George SJ, Patel R, Yacoub MH, Amrani M. Conversion to off-pump coronary bypass without increased morbidity or change in practice. *Ann Thorac Surg* 2002 Mar;73(3):798-802.
17. Anyanwu AC, McGuire A, Rogers CA, Murday AJ. An economic evaluation of lung transplantation. *J Thorac Cardiovasc Surg* 2002 Mar;123(3):411-8; discussion 418-20.
18. Anyanwu AC, Treasure T. Unrealistic expectations arising from mortality data reported in the cardiothoracic journals. *J Thorac Cardiovasc Surg* 2002; Jan;123(1):16-20.
19. Anyanwu AC, Townsend ER, Banner NR, Burke M, Khaghani A, Yacoub MH. Primary lung carcinoma after heart or lung transplantation: management and outcome. *J Thorac Cardiovasc Surg* 2002 Dec;124(6):1190-7.
20. Anyanwu AC, Banner NR, Radley-Smith R, Khaghani A, Yacoub MH. Long-term results of cardiac transplantation from live donors: the domino heart transplant. *J Heart Lung Transplant* 2002 Sep;21(9):971-5.
21. Bleasdale RA, Banner NR, Anyanwu AC, Mitchell AG, Khaghani A, Yacoub MH. Determinants of outcome after heterotopic heart transplantation. *J Heart Lung Transplant* 2002 Aug;21(8):867-873.
22. Anyanwu AC, Banner NR, Mitchell AG, Khaghani A, Yacoub MH. Low incidence and severity of transplant-associated coronary artery disease in heart transplants from live donors. *J Heart Lung Transplant* 2003 Mar;22(3):281-6.
23. Anyanwu A, Treasure T. Prognosis after heart transplantation: transplants alone cannot be the solution for end stage heart failure. *BMJ* 2003;326(7388):509-510.

24. Howlader MH, Dhanji AR, Uppal R, Magee P, Wood AJ, Anyanwu AC. Patients' views of the consent process for adult cardiac surgery: questionnaire survey. *Scand Cardiovasc J* 2004 Dec;38(6):363-8.
25. Birks EJ, Yacoub MH, Anyanwu A, Smith RR, Banner NR, Khaghani, A. Transplantation using hearts from primary pulmonary hypertensive donors for recipients with a high pulmonary vascular resistance *J Heart Lung Transplant* 2004; 23(12):1339-1344.
26. Khaghani A, Birks EJ, Anyanwu AC, Banner NR. Heart transplantation from live donors: "domino procedure". *J Heart Lung Transplant* 2004 Sep;23(9 Suppl):S257-9.
27. Anyanwu AC, Treasure T. Surgical research revisited: clinical trials in the cardiothoracic surgical literature. *Eur J Cardiothorac Surg* 2004 Mar;25(3):299-303.
28. Filsoufi F, Anyanwu AC, Salzberg SP, Frankel T, Cohn LH, Adams DH. Long-term outcomes of tricuspid valve replacement in the current era. *Ann Thorac Surg* 2005 Sep;80(3):845-50.
29. Salzberg SP, Filsoufi F, Anyanwu A, von Harbou K, Gass A, Pinney SP, Carpentier A, Adams DH. High-risk mitral valve surgery: perioperative hemodynamic optimization with nesiritide (BNP). *Ann Thorac Surg* 2005;80(2):502-506.
30. Adams DH, Anyanwu A. Pitfalls and limitations in measuring and interpreting the outcomes of mitral valve repair. *J Thorac Cardiovasc Surg* 2006;131(3):523-529.
31. Salzberg SP, Filsoufi F, Anyanwu A, von Harbou K, Karlof E, Carpentier A, Dansky HM, Adams DH. Increased neointimal formation after surgical vein grafting in a murine model of type 2 diabetes. *Circ* 2006;114(1 Suppl):I302-I307.
32. Karlof E, Salzberg SP, Anyanwu AC, Steinbock B, Filsoufi F. How fast does an atrial myxoma grow? *Ann Thorac Surg* 2006 Oct;82(4):1510-2.
33. Anyanwu A, Rahmanian PB, Filsoufi F, Adams DH. The pathophysiology of ischemic mitral regurgitation: implications for surgical and percutaneous intervention. *J Interv Cardiol* 2006;19(5 Suppl):S78-86.
34. Adams DH, Anyanwu AC, Rahmanian PB, Filsoufi F. Current concepts in mitral valve repair for degenerative disease. *Heart Fail Rev* 2006 Sep;11(3):241-57.
35. Adams DH, Anyanwu AC, Rahmanian PB, Abascal V, Salzberg SP, Filsoufi F. Large annuloplasty rings facilitate mitral valve repair in Barlow's disease. *Ann Thorac Surg* 2006 Dec;82(6):2096-100; discussion 2101.
36. Filsoufi F, Rahmanian PB, Anyanwu A, Adams DH. Physiologic basis for the surgical treatment of ischemic mitral regurgitation. *Am Heart Hosp J* 2006;4(4):261-268.

37. Anyanwu AC. Stress Doppler echocardiography of the internal thoracic artery – a new non-invasive approach for functional assessment after minimally invasive coronary bypass grafting. *Interact Cardiovasc Thorac Surg* 2006 Oct;5(5):588.
38. Anyanwu AC, Fischer GW, Plotkina I, Pinney S, Adams DH. Off-pump implant of the Jarvik 2000 ventricular assist device through median sternotomy. *Ann Thorac Surg* 2007 Oct;84(4):1405-7.
39. Anyanwu AC, Adams DH. The intraoperative “ink test”: a novel assessment tool in mitral valve repair. *J Thorac Cardiovasc Surg* 2007 Jun;133(6):1635-6.
40. Anyanwu AC, Adams DH. Etiologic classification of degenerative mitral valve disease: Barlow’s disease and fibroelastic deficiency. *Semin Thorac Cardiovasc Surg* 2007 Summer;19(2):90-6.
41. Anyanwu AC, Filsoufi F, Salzberg SP, Bronster DJ, Adams DH. Epidemiology of stroke after cardiac surgery in the current era. *J Thorac Cardiovasc Surg* 2007 Nov;134(5):1121-7.
42. Adams DH, Anyanwu AC. The cardiologist’s role in increasing the rate of mitral valve repair in degenerative disease. *Curr Opin Cardiol* 2008 Mar;23(2):105-10.
43. Fischer GW, Anyanwu AC, Garcia MJ. Real-time three-dimensional transesophageal echocardiographic imaging of endomyocardial fibrosis. *J Cardiothorac Vasc Anesth* 2008 Apr;22(2):299-301.
44. Castillo JG, Filsoufi F, Rahmanian PB, Anyanwu A, Zacks JS, Warner RR, Adams DH. Early and late results of valvular surgery for carcinoid heart disease. *J Am Coll Cardiol* 2008 Apr 15;51(15):1507-1509.
45. Anyanwu AC, Chikwe J, Adams DH. Tricuspid valve repair for treatment and prevention of secondary tricuspid regurgitation in patients undergoing mitral valve surgery. *Curr Cardiol Rep* 2008 Mar;10(2):110-117.
46. Adams DH, Anyanwu AC, Sugeng L, Lang RM. Degenerative mitral valve regurgitation: surgical echocardiography. *Curr Cardiol Rep* 2008 May;10(3):226-32.
47. Salzberg SP, Gillinov AM, Anyanwu A, Castillo J, Filsoufi F, Adams DH. Surgical left atrial appendage occlusion: evaluation of a novel device with magnetic resonance imaging. *Eur J Cardiothorac Surg* 2008 Oct;34(4):766-70.
48. Nagarsheth NP, Pinney S, Bassily-Marcus A, Anyanwu A, Friedman L, Beilin Y. Successful placement of a right ventricular assist device for treatment of a presumed amniotic fluid embolism. *Anesth Analg* 2008 Sep;107(3):962-964.
49. Adams DH, Anyanwu AC. Seeking a higher standard for degenerative mitral valve repair: begin with etiology. *J Thorac Cardiovasc Surg* 2008 Sep;136(3):551-6.

50. Anyanwu AC, Adams DH. Ischemic mitral regurgitation: recent advances. *Curr Treat Options Cardiovasc Med* 2008 Dec;10(6):529-37.

Reviews, Chapters and Educationally Relevant Publications:

Anyanwu AC. Authors should list confounding factors and alternative explanations for adverse events seen with new technologies. *J Thorac Cardiovasc Surg* 2003 Nov;126(5):1663-4.

Anyanwu AC, Khaghani A. Stentless Valves. In Tang A, Ohri SK, Stephenson LW. (Eds) *Key Topics in Cardiac Surgery*. Oxford: Bios Scientific Publishers Ltd 2005;18.2:151-54.

Anyanwu AC, Jaiswal P, Treasure T. Surgical Treatment of Thoracic Empyema. In Treasure T, Hunt I, Keogh B, Pagano D (Eds). *The Evidence for Cardiothoracic Surgery, First Edition*. Shrewsbury: tfm publishing, 2005;13:131-40.

Anyanwu A, Spielvogel D, Griep R. Spinal cord protection for Descending Aortic Surgery. *Clinical and Scientific Basis for Contemporary Surgical Practice*. In Rousseau H, Verhoye J, Heatout J. (Eds) *Thoracic Aortic Diseases*. Berlin: Springer, 2006;7:81-100.

Anyanwu AC, Adams DH, Swamidoss, CP, Barash PG. The Future of Cardiac Surgery and Anesthesia. In Kaplan JA, Reich DL, Lake CL, Konstadt SN. (Eds) *Kaplan's Cardiac Anesthesiology, Fifth Edition*. Philadelphia: Saunders Elsevier 2006;4:59-68.

Anyanwu AC, Aklog L. Surgical Pulmonary Embolectomy. In Konstaninides S. (Ed) *Management of Acute Pulmonary Embolism*. Totowa, NJ: Humana Press 2007;12:147-60.

Aklog L, Anyanwu A. Surgery for Valvular Heart Disease. In Antman EM (Ed). *Cardiovascular Therapeutics – A Companion to Braunwald's Heart Disease, Third Edition*. Philadelphia, PA: Saunders 2007;47:815-41.

Adams DH. Anyanwu AC. Reply to the Editor. Ensuring proper leaflet apposition during mitral valve repair. *J Thorac Cardiovasc Surg* 2008;135(1):228-29.

References:

Professor David H. Adams
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