

BIO - DATA

Name : A. Sampath Kumar

ADDRESS

Office

Pushpanjali crosslay Hospital
W 3 Sector 1, Vaishali, Ghaziabad 201012

Residence

A 4(first floor) Yojana Vihar,
Delhi 110092

EDUCATIONAL QUALIFICATIONS

M.B.B.S.

Bangalore Medical College
Bangalore University
1963-1967 December

M.S. (General Surgery)

All India Institute of Medical Sciences
1970-1973 (May)

M.Ch.

All India Institute of Medical Sciences
1974-1976 (May)

CLINICAL APPOINTMENTS

1) Internship

March 1968 – March 1969
Bangalore Medical College, Bangalore

2) House surgeon

- (a) July 1969 - December 1969
Department of Cardiothoracic & Vascular Surgery
All India Institute of Medical Sciences
- (b) January 1970 - July 1970
Department of Surgery
All India Institute of Medical Sciences

- 3) ***Registrar (General Surgery)***
July 1973 - September 1974
Department of Surgery
All India Institute of Medical Sciences

- 4) ***Registrar (Senior Resident)***
October 1974 - January 1978
Department of Cardiothoracic & Vascular Surgery
All India Institute of Medical Sciences

ACADEMIC APPOINTMENTS

- 1) ***Lecturer, Dept. of CTVS, AIIMS***
January 1978 - June 1981

- 2) ***Assistant Professor, Dept. of CTVS, AIIMS***
June 1981 - June 1987

- 3) ***Associate Professor (Additional Professor), Dept. of CTVS, AIIMS***
June 1987 - April 1992

- 4) ***Professor, Dept. of CTVS, AIIMS,***
April 1992

- 5) Prof and head, Dept of CTVS, Chief CT Centre
Apr 2007- Sep 2009(Retd)

CURRENT POSITION

***Senior consultant (Cardio vascular Surgery),
Pushpanjali Crosslay Hospital,
Ghaziabad(NCR), UP***

RETD. Professor & Head, Department of CTVS
Chief, CT Centre
All India Institute of Medical Sciences

EXPERIENCE

General Surgery 1970 - 1974

Cardiovascular Surgery 1974 - current

FOREIGN TRAINING

Fellow Cardiovascular Surgery

Milwaukee Heart Surgery Associates, Milwaukee U.S.A.

October 1979 - September 1980

mentor Dr. Dudley W Johnson

PROFESSIONAL MEMBERSHIP

- Life member – Association of Surgeons of India
- Life member : Association of Thoracic & Cardiovascular Surgeons of India
- International Member Society of Thoracic Surgeons – USA
- Member – Society for Heart Valve Disease, UK
- Member - Donald Ross Society
- Member - Asian Society Cardiovascular and Thoracic Surgeons (ASCVTS)
- Member – American Association for Thoracic Surgery (AATS)

APPOINTMENTS

Examiner M.Ch (Cardiovascular & Thoracic Surgery)

- AIIMS
- Nizam's Institute of Medical Sciences
- National Board of Examinations
- Sri Chitra Tirunal Institute for Medical Sciences & Technology
- Delhi University
- Bangalore University
- SGPGI, Lucknow
- PGI, Chandigarh

Staff Selection Committee

- Union Public Service Commission
- Sri Chitra Tirunal Institute for Medical Sciences & Technology
- Nizam's Institute of Medical Sciences
- PGI, Chandigarh
- Lucknow University

INVITED LECTURES

- Feb. 1990 Annual Meeting of the Japanese Association of Cardiovascular Surgery, Okayama
- Nov. 1991 10th Biennial Asian Congress on Thoracic Cardiovascular Surgery, Bali, Indonesia. Valvular Heart Surgery in India
- Aug 1996 University of Washington, Seattle, USA
Mitral Valve Concepts & Controversies
- Feb.1998 Georgia Institute of Technology, Atlanta, Georgia, USA
Workshop on Prosthetic & Heart Valves
- Nov. 1998 Workshop on Biomaterials,
Sri Chitra Tirunal Institute, Trivandrum, India
- August 1999 48th Scandinavian Association of Thoracic Surgery meeting, Aalborg, Denmark
- Sept. 1999 L.R.G. Naidu Endowment Lecture, Coimbatore
- March 2000 C.S. Sadasivan Oration, Association of Thoracic & Cardiovascular Surgeons, India, Bombay
- Sept 2003 Professor Arthur C Guyton lecture, Dept. of Physiology, All India Institute of Medical Sciences, New Delhi
- Sept 2003 Brig. Mazumdar Memorial Oration, Institute of Nuclear Medicine and Allied Sciences, New Delhi

- Feb.2006 Asian masters program, Bangkok, Thailand
- April 2008 Conducted Live Surgery Workshop organised by Jayadeva Institute of Cardiology, Bangalore
- May 2008 Invited to and attended the launch of the WHO surgical safety list at WHO Headquarters, Washington
- Oct 2008 Invited to and delivered lecture at the 10th National Congress of Turkish Society of Cardiovascular Surgery at Turkey
- Oct 2008 Sri Jayadeva Surgical Oration, Indian College of Cardiology, Kerala
- Nov 2008 Invited as a guest speaker in the 7th International Cardiovascular Conference 2008 (ICC2008) at Jeddah, Saudi Arabia
- Mar 2009 Attended 17th Annual Meeting of Asian Society for Cardiovascular and Thoracic Surgery at Taipei and delivered lecture on mitral valve reconstruction
- Mar 2009 Attended 1st Rheumatic Mitral Valve summit at Bangkok, Thailand and delivered a lecture and demonstrated technique on mitral valve repair.
- May 2009 Lecture on surgical treatment of rheumatic heart disease at the University of Chicago.
- June 2009 Invited lecture on surgery for rheumatic heart disease the Children's Hospital, Philadelphia

INSTITUTIONS OUTSIDE AIIMS WHERE I HAVE BEEN INVITED TO DEMONSTRATE THE TECHNIQUES DEVELOPED BY ME

National

- Nizam Institute of Medical Sciences, Hyderabad
- Care Hospital, Hyderabad
- Jayadeva Institute, Bangalore
- Narayana Hrudayalaya, Bangalore
- Sri Chitra Tirunal Institute of Medical Sciences and Technology
- Sonam Norboo Memorial Hospital, Leh

- GKNM Hospital, Coimbatore
- DN Mangeshwar Hospital, Pune
- R & R Hospital, Delhi
- Apollo Hospital, Madurai
- Apollo Hospital, Indore
- LPS Institute of Cardiology, Kanpur

Foreign

- Rajvithi Hospital Bangkok, Thailand
- National Institute of Cardiovascular Diseases – Dhaka, Bangladesh
- Chest Disease Institute, Bangkok, Thailand

Patents

- 1) Design for aortic valve substitute
- 2) Design for mitral valve substitute

EDITORIAL CONSULTANT

- Member, Editorial board of Annals of Thoracic Surgery
- Indian Heart Journal
- Indian Journal of Medical Research
- Asian Cardiovascular Thoracic Annals
- Annals of Thoracic Surgery
- Journal of Heart Valve Disease
- Lancet

EDITOR-IN-CHIEF

Asian Cardiovascular & Thoracic Annals - Since 2011

FORMER EDITOR

Indian journal of Thoracic and Cardiovascular Surgery 2000-2011

HONORS

- Vishist Kannadiga Award, Delhi Kannada Sangha 1997
- CS Sadasivan oration – Indian Association of Thoracic and Cardiovascular Surgeons Feb 2000
- Visiting Professor - Rajiv Gandhi University of Health Sciences, Karnataka
- Distinguished alumnus, Bangalore Medical College, Bangalore, August 2009.
AATS Career Achievement Award, March 2012

PUBLICATIONS

Chapters in textbooks

- 1) Textbook of Surgery for undergraduates
Ed. Dr. IK Dhawan/VP Khanduri/Ananthakrishnan
B.I. Churchill 1994
- 2) Textbook of surgery
Ed. Dr. M.M. Kapur
CBS Publishers/distributors 1995

Text book

- 1) Techniques in Valvular Heart Surgery
CBS Publishers, 2006.
- 2) Techniques in Valvular Heart Surgery - Second edition 2009
- 3) Guidelines for patients undergoing CABG/Valve Surgery
free booklet for distribution

Extramural publications

- **Capital punishment**
Journal of Indian Law Institute : 30;386-391, 1997
- **Patient's Rights**
Hemkunt Publishers Dec.2001
- **Thoracic Park (*musings of a Heart Surgeon*)**
Abhinav Publication January 2006

E-learning resource

Coronary Artery Bypass Surgery- Computer based E-Learning Module 2006.

Publications in

International Medical Journals

- 121 publications in indexed journals

Indian Medical Journals

- 78 publications in Indian journals

Videos

33 surgical videos on cardiovascular procedures at the CTSnet.org

International listings

- Marquis Who's Who
- Asian American Who's Who
- American Biographical Institute's International directory of Distinguished Leadership
- Biography International

PUBLICATIONS (INTERNATIONAL)

1. Carcinoma of the thyroglossal duct remnants.
Moulik B.K., Prakash, A., Vinay Kumar and ***Sampath Kumar A.***
American Surgeon, 40 : 248-251, 1974.
2. The distribution and metabolism of estradiol 17B in human breast Cancer and breast tissue.
Murugesan K, ***Sampath Kumar A.*** Srivastava S.R, Kapur, M.M. and Laumas, K.R.
Proceedings of the V Asia Oceania Congress of Endocrinology, 2: 302-5, 1974.
3. Distribution and metabolism of estradiol 17B in human cancer and normal mammary gland tissue.
Murugesan K, Srivastava S.R, ***Sampath Kumar A,*** Kapur MM, and Laumas, K.R. J.
Steroid bioch. 5: 337, 1974
4. Patency and flow response in endarterectomised coronary arteries.
M.Laxman Kamath, Donald H, Schmidt, Pablo M, Pedraza, Fred M, Blau, ***Sampath Kumar A,*** Linda Grzelak and Dudley Johnson.
Ann. Thorac. Surg. 31: 28-35, 1981.
5. Quadriavalvular heart disease.
Sampath Kumar A, Iyer K.S, and Chopra P.
Int. J. Cardiol. 7/66-69, 1985 (Jan.)
6. Fibrosarcoma of the right ventricle : A case report.
S. Srivastava, P. Chopra and ***Sampath Kumar A.***
Int. J. Cardiol. 9: 234-237, 1985
7. Management of massive air embolism during open heart surgery.
Sampath Kumar A, T.S.Jayalaxmi, Shailaja Kale, Verinder Singh, Stanley J. Paul and Saxena B.K.
Int. J. Cardiol 9:413-17, 1985

8. Experience with Aorta Coronary Bypass at A.I.I.M.S.
P.Venugopal, I.M.Rao, **Sampath Kumar A**, Balram Airan, B.Das, Y.A.Nazar, K.S.Iyer, U.Kaul, K.S.Reddy, H.S.Wasir, S. Mukherjee, M.L.Bhatia and N.Gopinath.
Proceedings of the World Conference on Open Heart Surgery,
Bombay Eds. K.R.Shetty and G.B.Parulkar, Mcgraw Hill, 1985, P 477-479.
9. Early and late results of Valve replacement using Bjork Shiley Valves.
P.Venugopal, I.M.Rao, **Sampath Kumar A**, B.Airan, B.Das, K.S.Iyer, U.Kaul, H.S.Wasir, M.Rajani, M.L.Bhatia and N.Gopinath.
Proceedings of the world conference on open heart surgery,
Bombay Eds-K.R.Shetty and G.B.Parulkar, Mcgraw Hill, 1985, PP161-165.
10. Fate of thrombectomised Bjork shiley Valves.
P.Venugopal, U.Kaul, KS Iyer, I.M.Rao, Balram Airan, B.Das, **Sampath Kumar A**, S.Mukherjee, M.Rajani, H.S. Wasir, M.L.Bhatia, V.Raghavan, K.S. Reddy and N. Gopinath.
J.Thorac Cardiovas. Surg. 91: 168-173, 1986.
11. Experience with Coronary Artery bypass grafting in India. P.Venugopal, B.Das, K.S.Iyer, U.Kaul, **Sampath Kumar A**, I.M.Rao, H.S.Wasir, M.L.Bhatia and N. Gopinath.
THAI J. Surgery 8: 89-91, 1987.
12. The Bjork Shiley Valve: Long term experience in India.
K.S.Iyer, P.Venugopal, I.M.Rao, **Sampath Kumar A**, B.Das, M.L.Bhatia, M.L.Sharma, K.S.Reddy, H.S.Wasir and N.Gopinath.
Thai J.Surg. 8:193-196, 1987
13. Immunohistochemical characterisation of Aschoff Nodules and Endomyocardial inflammatory infiltrates in left Atrial Appendage from patients with chronic Rheumatic Heart Disease.
P.Chopra, Jagat Narula, **Sampath Kumar A**, S.Sachdeva and M.L.Bhatia.
Int. J.Cardiol. 20/99-105, 1988
14. Closed Mitral Valvotomy during Pregnancy.
P.Pavankumar, P.Venugopal, U.Kaul, K.S.Iyer, B.Das, B.Airan, **Sampath Kumar A**, I.M.Rao, M.L.Sharma, M.L.Bhatia and N.Gopinath.
Scand.J.Thor.Cardiovasc.Surg. 22: 11-15, 1988

15. Pregnancy in patients with prosthetic cardiac valves.
P.Pavankumar, P.Venugopal, U.Kaul, K.S.Iyer, B.Das, B.Airan,
Sampath Kumar A, I.M.Rao, M.L.Sharma, M.L.Bhatia and
N.Gopinath
Scand J.Thor. Cardiovasc. Surg. 22: 19-22, 1988.
16. Chest injuries: A clinical and Autopsy Profile.
P.Kulshreshta, K.S.Iyer, B.Das, **Sampath Kumar A**, B. Airan,
M.L.Sharma, I.M.Rao and P.Venugopal.
J.Trauma, 28: 844-847, 1988
17. Massive Mitral and Myocardial calcification. Technical
Maneuvers for successful valve replacement.
Sampath Kumar A
Int. J. Cardiol. 20/279-282, 1988
18. Surgical experience with intracardiac myxomas.
Y.A. Nazer, K.S. Iyer, U. Kaul, B.Das, **A. Sampath Kumar**,
M.L.Sharma, M. Rajani, I.M.Rao, M.L.Bhatia, P. Venugopal and
N. Gopinath.
Int. J. of Cardiol. 18(1988) 317-325,
19. Surgical experience with disease of the tricuspid valve : Cross
sectional and Doppler Echocardiographic evaluation following
DeVega repair.
Kulshrestha P, B.Das, K.S.Iyer, **Sampath Kumar A**, M.L.Sharma,
I.M.Rao, U.Kaul, S.Srivastava, P. Venugopal.
Int.J.Cardiol. 23 : 19-26, 1989
20. Extracranial carotid artery aneurysms following accidental injury: Ten
years experience
S.Sharma, M.Rajani, N.K.Mishra, **Sampath Kumar A**, K.S.Iyer:
Clinical Radiology, 43, 162-165, 1991
21. Immunohistochemical and histochemical profile of Aschoff bodies in
rheumatic carditis in excised left atrial appendages: an immunoperoxidase
study in fresh and paraffin- embedded tissue.
P.Chopra, J. Wanniang and **Sampath Kumar A**
Int. J. Cardiol. 1992:34;199-207.

22. Cusp-Level Chordal Shortening for Rheumatic Mitral Regurgitation
A. Sampath Kumar, Anil Bhan, R.V.Kumar, S.Shrivastava, A.K.Sood and N.Gopinath.
Texas H I J 1992, 19; 47-50.
23. Mitral Valve Reconstruction : Early Results of a Modified Cooley Technique.
Sampath Kumar A, R.V.Kumar, S.Shrivastava, P.Venugopal, A.K. Sood, N. Gopinath.
Texas Heart Institute Journal 1992; 19: 107-11
24. Comparison of immediate hemodynamic response to closed mitral commissurotomy, single-balloon, and double-balloon mitral valvuloplasty in rheumatic mitral stenosis.
S.Shrivastava, A.Mathur, V. Dev, A.Saxena, P. Venugopal,
Sampath Kumar A.
J. Thorac. Cardiovasc. Surg. 1992; 104: 1264-7
25. Extended Approach to the Mitral Valve. (CP)
A. Sampath Kumar.
Ann. Thorac. Sur. 1992; 54: 596-603.
26. Hemodynamic effects of Pericardial Closure. (CP)
A. Sampath Kumar.
Ann. Thorac. Surg. 1992; 54: 1018.
27. Right Thoracotomy Revisited.
Sampath Kumar A, S.Prasad, S. Rai, D.K. Saxena.
Texas Heart Institute Journal, 1993; 20: 40-2.
28. The Atrial septum after balloon mitral valvotomy observations at surgery.
R.S. Vasan, S.Shrivastava, **Sampath Kumar A**.
Amer. Heart Journal 1993; 125: 549.
29. Aortic Valve Replacement through Right Thoracotomy.
P.N. Rao, **A. Sampath Kumar**.
Texas Heart Institute Journal, 1993; 20: 307-8.

30. Mitral Valve Reconstruction : Intermediate Term Results in Rheumatic Mitral Regurgitation.
A. Sampath Kumar, Pantula N. Rao.
The Journal of Heart Valve Disease 1994; 3: 161-164.
31. Aortic Valve Repair : Technique and Results
A. Sampath Kumar, Prashant Gundane.
Asian Cardiovascular and Thoracic Annals, 1994;2:75-77.
32. Primary Malignant Mesothelioma of the Pericardium. (CP)
Sampath Kumar A
Texas Heart Inst. Journal , 1994; Vol 21, Number 4.
33. Results of Mitral valve reconstruction in Rheumatic Mitral Regurgitation.
A. Sampath Kumar
Proceedings at 2nd International Conference of Cardiovascular and Thoracic Surgeons, Puttaparthi. Jan.1994.
34. Neoventriculoplasty : A New Surgical Techniques (An Experimental Study).
Sampath Kumar A.
Proceedings at 2nd International Conference of Cardiovascular and Thoracic Surgeons, Puttaparthi, Jan.1994.
35. Recurrent, biatrial, familial cardiac myxomas.
A. Deshpande, **Sampath Kumar A**, P. Chopra,
International J. of Cardiol. 1994;47;71-73.
36. Homograft Mitral valve replacement : A Case Report.
A. Sampath Kumar, H. Trehan.
The Journal of Heart Valve Disease 1994;3:473-475.
37. Cosmetic Approach to Cardiac Surgery.
A. Sampath Kumar, P.N. Rao and D.K. Saxena.
Asian Cardiovascular and Thoracic Annals 1995;3, 20-22.
38. Surgical Technique of Multiple Valve replacement with Biological Valves : A New Option.
Sampath Kumar A, Harish Chander, Hemant Trehan.
The Journal of Heart Valve Disease 1995; 4: 45-46.

39. Pulmonary Autograft Aortic Valve Replacement :
Early experience with the Ross Procedure.
A.Sampath Kumar, P.N. Rao, A.K.Dharmapuram,
H.Chander, H.Trehan.
Texas Heart Institute Journal 1995; 22: 177-179.
40. Restoration of Pliability to Mitral leaflets during reconstruction.
Sampath Kumar A. P.N. Rao.
Journal of Heart Valve Disease, 1995. 4:251-253
41. A Technique to prevent bleeding after Ross Procedure.
Sampath Kumar A, P.N. Rao, Hemant Trehan.
The Journal of Heart Valve Disease, 1995; 4: 405-406.
42. Mitral valve reconstruction in children with Rheumatic Heart
Disease.
Sampath Kumar A. Rao PN, Saxena A.
Ann of Thoracic Surgery, 1995, 60: 1044-47.
43. Right thoracotomy
Sampath Kumar A.
Ann. of Thoracic Surgery, 1995;60:1461
44. Repair of TAPVC through right thoracotomy.
Sampath Kumar A, Anik Kumar D, Girotra S, Das B.
Asian CV & Th. Annals 1995; 3: 140-141.
45. Homograft Aortic root replacement for early prosthetic endocarditis
A. Sampath Kumar, Rao P.N., Sharma R., Bhan A., Airan B., Das B.,
Iyer KS., Threhan H., Venugopal P.,
Asian Cardiovasc. Thoracic annals 1995:3; 109-11.
46. Blood Conservation in open heart surgery
Bisoi A.K., Srivastava S., Tripathy P., Tandon R., Kale S., Kumar L.,
Sampathkumar A.
Asian CV Th. annals 1996:4; 212-14.

47. Phenotypic Characterisation of cellular components of cardiac myxoma:
Depande A, Venugopal P., **Sampath kumar A**. Chopra P.,
Human Pathology 1996; 27; 1056-59
48. Mitral Valve Reconstruction: Eight years experience in 531 patients:
Sampath Kumar A, P.N. Rao, Anita Saxena.
Journal of Heart Valve Disease. 1997;6:591-593.
49. Comparison of Normothermic Cardiopulmonary Bypass with
Conventional hypothermic bypass. Sandeep Chauhan,
Gaurishankar Ramesh, N.Saxena, S.K. Choudhary, Lokendra
Kumar, **Sampath Kumar A**
Asian Cardiovasc. Thorac Ann 1997;5:202-5.
50. Aortic valve replacement with a homovital valve :
Ramji Mahrotra, Sushant Srivastava, B.Airan, Morris A.Koicha,
N.K. Mehra, P.Venugopal, **Sampath Kumar A**.
Texas Heart Inst. Journal 1997;24:221-22.
51. Early experience with homograft valve Banking:
S.K. Choudhary, Sushant Srivastava, H.Chander, R.Sharma,
P.Venugopal, T.D. Dogra, **Sampath Kumar A**.
Asian Cardiovasc Thorac Ann. 1997;5:137-140.
52. Sinus of Valsalva aneurysms : 20 years experience.
S.K.Choudhary, B.Airan, R.Sharma, A.Bhan, **Sampath Kumar A**,
Venugopal P.
J.Card Surg 1997; 12: 300-308.
53. Pathlogy of severe Mitral regurgitation following ballon valvuloplasty
Choudhery SK, Bhan A, Sharma R., Airan B., Das B., **Sampath kumar A**,
Kaul V., Venugopal P.,
Asian CV & Th annals 1997;5:25-30.
54. Surgery for Rheumatic Heart Disease in Children : Essential Aspects
Sampath Kumar A
I.A.P Journal of Practical Paediatrics. Vol.5 No.2 April – June 1997

55. Experience with Homograft mitral valve replacement:
Sampath Kumar A, D.Anil Kumar, H. Chander, Anita Saxena.
Journal of Heart Valve Dis. 1998;7:225-28.
56. Aortic valve replacement with Biological Substitute:
Shiv K.Choudhary, A.Mathur, H.Chander, A.Saxena, T.D.Dogra,
P.Venugopal, **Sampath Kumar A**
J.Cardiac Surg. 1998:13,1-8.
57. Management of Annuloaortic Ectasia:
Marla Rammohan, Umre MA, Taneja K., **Sampath Kumar A**
Texas Heart Inst. Journal 1998;25:68-71.
58. Aneurysm of Sinus of Valsalva dissecting into
interventricular septum.
S.K.Choudhary, S.C.B.Reddy, R.Sharma, V.Murari, B.Airan,
Sampath Kumar A, P. Venugopal.
Annal of Thoracic Surg. 1998:65: 735-40.
59. Surgical experience with Intracardiac Myxoma : Long term
followup.
A.Bhan, R.Mehrotra, S.K.Choudhary, R.Sharma, D.Prabhakaran,
B.Airan, **Sampath Kumar A**, Venugopal P.
Ann. Thorac Surg 1998; 66: 810-813.
60. Total correction of tetralogy of fallot in adults – Surgical experience
M Rammohan, B Airan, BhanA, Sharma R, Shrivastava S, Saxena A,
Sampath Kumar A, Venugopal P.
Int. J. Cardiol 63;121-28,1998.
61. Pulmonary autograft : should it be used in young patients with
Rheumatic Disease?
SK Choudhary, Alok Mathur, Rajesh Sharma, Anita Saxena, P. Chopra,
Roy R, **Sampath Kumar A**
J. Thorac. Cardiovasc. Surg 118:483-491, 1999
62. Isolated congenital mitral leaflet cleft. A rare cause of mitral insufficiency.
Mohanty SR, Choudhary SK, Ramamurthy S, **Sampath Kumar A**
J Heart Valve Dis. 1999;8:67-70.

63. Pulmonary homograft : Should it be used in the aortic position?
Shiv Kumar Choudhary, Anita Saxena, Bharat Dubey, **Sampath Kumar A**
J Thorac Cardiovasc Surg 2000;120:148-155.
64. Homograft mitral valve replacement : Five years' results
A. Sampath Kumar, Shiv Kumar Choudhary, Alok Mathur,
Anita Saxena, Ruma Roy, Prem Chopra
J Thorac Cardiovasc Surg 2000;120:450-458.
65. Bentall's operation with valve homograft conduit.
SK Choudhary, S Talwar, **Sampath Kumar A**
Texas Heart Institute Journal. 2000;27:366-8.
66. Prosthesis size in AVR : Surgeon related variable
SK Choudhary, Alok Mathur, P Venugopal, B Airan, A Bhan, A Saxena,
Sampath Kumar A
Asian Cardiovascular & Thoracic Annals 2000;8:333-8.
67. Mitral Valve Replacement with chordal preservation in a Rheumatic
Population
HS Wasir, SK Choudhary, B Airan, S Srivastava, **Sampath Kumar A**
The Journal of Heart Valve Disease. 2001;10:84-89.
68. Mitral valve repair in a predominantly rheumatic population :
Long term results
SK Choudhary, Sachin Talwar, B Dubey, A Chopra, A Saxena,
Sampath Kumar A
Texas Heart Institute Journal. 2001;28:8-15
69. Mitral valve replacement with pulmonary autograft : Ross II procedure
Sampath Kumar A, SK Choudhary, S Agarwal
Journal of Thoracic and Cardiovascular Surgery 2001;122:378-79
70. Fate of mild aortic valve disease after mitral valve intervention
Sampath Kumar A, SK Choudhary, S Talwar, R Juneja
Journal of Thoracic & Cardiovascular Surgery 2001;122:583-86

71. Massive mitral and myocardial calcification : Technical manoeuvres for successful valve replacement.
A. Sampath Kumar.
International Journal of Cardiology 78 (2001) 103-104.
72. Chordal replacement or repair
A. Sampath Kumar
Ann. Thorac. Surg 2001;71:2084
73. Ross Procedure : Aortic valve replacement with pulmonary autograft
SK Choudhary, A Govil, **Sampath Kumar A**
Journal of Thoracic and Cardiovascular Surgery 2001;14:243-257
74. Transaortic double valve replacement with chordal preservation
S Abraham, R Joshi, **Sampath Kumar A**
Tex Heart Inst J 2002 ; 29:133-35
75. Open mitral commissurotomy in the current era : Indications, technique and results
SK Choudhary, J Dhareshwar, A Govil, B Airan, **Sampath Kumar A**
Ann Thorac Surg 2003 ; 75: 41-46
76. New approach for complete endocardectomy in right ventricular endomyocardial fibrosis
R Joshi, S Abraham, **Sampath Kumar A**
J Thorac Cardiovasc Surg 2003;125:40-42
77. Free right atrial patches for septal defect closure (letter to Editor)
Sampath Kumar A
J Thoracic Cardiovasc Surg 2003 ; 126:303-304
78. Management of mitral paravalvular leak : Therapy or misadventure?
ST Hussain, V Devagouru, **Sampath Kumar A**
J Thoracic Cardiovasc Surg 2003 ; 126 : 879-80
79. Medical resources and capital punishment (letter to Editor)
Sampath Kumar A
J Thoracic Cardiovasc Surg 2003 ; 126: 6:2107-8

80. Redo mitral valve surgery – A long term experience
Sampath Kumar A, Jayesh Dhareshwar, Balram Airan, Anil Bhan, Rajesh Sharma, Panangipalli Venugopal
J Card Surg 2004 ; 19:303-07
81. Digital video recording of cardiac surgical procedure
Sampath Kumar A, Harinder Pal
Ann Thorac Surg 2004 ; 77: 1063-65
82. Interlocking sternotomy : Initial experience
Raja Joshi, Smartin Abraham, **Sampath Kumar A**
Asian Cardiovasc Thorac Ann 2004 ; 12: 16-18
83. Magnetic resonance imaging of the pulmonary autograft in the mitral position
Gurpreet Singh Gulati, Sanjiv Sharma, Priya Jagia, Sachin Talwar, **Sampath Kumar A**
Texas Heart Inst 2004;31(3):326-7.
84. Long – term results of cusp level chordal shortening for anterior mitral leaflet prolapse
John Santosh Kumar Murala, **Sampath Kumar A**
Texas Heart Inst 2004;31(3):246-50.
85. Aortic valve replacement with 31- and 33- mm mechanical prostheses
Gaurav Gupta, Ambuj Roy, **Sampath Kumar A**
Texas Heart Inst J 2004;31:149-52
86. Third option (Letter to Editor)
Sampath Kumar A
Ann Thorac Surg 2005;79:1092
87. Sewing needle in the heart
Sachin Talwar, K Ganapathy Subramaniam, Anandaraja Subramanian, Shyam Sunder Kothari, **Sampath Kumar A**
Asian Cardiovasc and Thorac Annals 2006 ; 14: 63-65.
88. Mitral annular calcification (Letter to Editor)
Sampath Kumar A
Asian Cardiovasc & Thorac Annals 2005;13:100

89. Aortic valve replacement with the pulmonary autograft : Mid-term results
Sampath Kumar A, Sachin Talwar, Raghunath Mohapatra, Anita Saxena, Rajvir Singh
Ann Thorac Surg 2005; 80:488-94
90. Aortic homograft : A suitable substitute for aortic valve replacement
Sachin Talwar, Raghunath Mohapatra, Anita Saxena, Rajvir Singh,
Sampath Kumar A.
Ann Thorac Surg 2005; 80:832-38.
- 91 Mitral Valve Repair: (Letter to Editor)
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