

## CURRICULUM VITAE

### MUTHU JOTHI

**Nationality:** Indian

**Date of Birth:** 21<sup>st</sup> April 1965

**Residential Address:** A-32 Mayflower Shakthi Gardens  
Nanjundapuram Road, Coimbatore  
Pin :641036

**Phone:** 0(91)422-2325532

**Mobile** (91)9843206167

**E-mail:** *muthujothi@hotmail.com*

**Medical Registration:** 44351 (Tamil Nadu Medical Council, India)

**Family Details:** Wife and 16-year old daughter

#### Education:

School	Madras Christian College Secondary School, Madras, India	1981-1982
MBBS	Madras Medical College, Madras, India	Aug 1982-July 1987
Internship	Government General Hospital, Madras, India	Aug 1987-June 1988
Senior House Officer, General Surgery	Government General Hospital, Madras, India	Aug 1988-June 1989
MS (General Surgery)	Postgraduate Institute of Medical Education and Research, Chandigarh, India	July 1989-June 1992
FRCS(Edin)		June 1992
Junior Registrar, Cardiac Surgery	Institute of Cardiovascular Diseases, Madras, India	July 1992-March 1993
Master of Chirurgie (MCh) in Cardiac Surgery	Government General Hospital, Madras, India	April 1993-March 1995

**Work Experience:**

Consultant

Cardiothoracic surgeon      Kovai medical center and hospital, coimbatore, India  
Jan 2004-till date.

Senior Clinical Fellow/Junior consultant:      Royal Brompton Hospital London, July  
2002-Dec2003

Specialist Registrar      Royal Brompton Hospital London July 2001-June '02

Senior Registrar      Alder Hey Children's Hospital, Liverpool, UK  
July 2000 –June '01

Senior Registrar      Royal Brompton Hospital London July 1998-June 2000

Senior Registrar      Great Ormond St Hospital for  
Children, London      July 1997-June 1998

Specialist Registrar      Great Ormond St Hospital,  
London      July 1996-June 1997

Staff Surgeon      Institute of Cardiovascular  
Diseases, Madras, India      March 1995-June 1996

**Academic Distinctions:**

Recipient of prizes in Physiology, Biochemistry, Forensic Medicine, Social and Preventive Medicine and Clinical Surgery at graduation level.

**Paper Presentations:**

*At Alder Hey Children's Hospital, Liverpool:*

1. Post-cardiotomy Mechanical Circulatory Support Using a Conventional Bypass Circuit in Children - submitted to the European Journal of Cardiac Surgery.

2. Early and medium term results of common arterial trunk with valved conduit - to be presented at the paediatric surgical meeting in Toronto in May 2001.

*At Great Ormond St Hospital, London:*

Fate of sub-pulmonary homograft conduits: Determinants of Homograft Failure, JTCTVS

*At the Institute of Cardiovascular Diseases, Madras, India:*

1. Early results with uni-ventricular heart, Indian Heart Journal
2. Early results with common AV canal heart, Indian Heart Journal
3. Early results with VSD and aortic regurgitation, Indian Heart Journal.
4. Trans-aortic repair of RSOV, JTCTVS.

*Abstracts sent for the 42<sup>nd</sup> Indian Annual Conference on Organ Transplantation, 25-28 February 1996:*

1. Cardiac Transplantation in a private Institution
2. Role of Transmyocardial laser revascularisation in the management of patients with diffused coronary artery disease
3. Homograft repair of aorta for haemorrhagic mediastinitis following coronary artery bypass graft
4. Mitral valve repair – our experience with 18 patients
5. Coronary artery surgery for single vessel disease
6. Pulsatile total cavopulmonary shunt –case report
7. Coronary artery bypass surgery using beating heart technique in patients with severe left ventricular dysfunction.

**Teaching Experience:**

I give regular lectures in basic medical sciences and cardiac surgery for undergraduates, postgraduates, physician assistant trainees, intensive care nurses and perfusionists.

**Administrative and Organizational Highlights:**

I am gaining considerable experience in organizing mortality and morbidity meetings as part of my surgical training career in the UK.

I played a key role in the organization of the first cardiac transplant at Madras Medical Mission, Madras, India in December 1995 and ever since have had an active role in cardiac transplantation cases in the UK.

I have had many opportunities to present cardiac cases at regular hospital meetings as well as annual cardiac conferences both at national and international levels.

I have enjoyed taking a key role in the preparation of protocol documentations on various intensive care procedures in all the hospitals I have worked so far.

**Operating Experience from July 1992 – June 1996 at Madras, India:**

<i>Procedure</i>	<i>Operating Surgeon</i>	<i>Assisted</i>
Establishing bypass	250	220
Taking saphenous vein	279	20
Coronary grafting	50	305
Valve replacement	8	93
Bentall's procedure	-	5
Mitral valve repair	-	4
TMR	-	4
CABG + AVR	-	4
CABG + MVR	-	5
Excision of LA myxoma	-	1
RSOV repair	-	2
Takeuchi repair for ALCAPA	-	1
Cardiac transplant	-	3
MVR with aortic root enlargement	-	1
CABG + excision of LA myxoma	-	1
David's operation	-	1
MV homograft	-	1
Paediatric procedures:		
ASD	31	36
VSD	2	34
Repair of TOF	-	30
BT shunt	-	14
Potts shunt	-	2
PDA ligation	7	23
Repair of DORV	-	3
PA banding	-	3
Repair of LV diverticulum	-	1
Bi-directional Glenn	-	4
Closed mitral	18	40

commisurotomy		
pericardiectomy	2	4
Vascular procedures:		
Creation of AV fistulas	20	13
Aorto-iliac bypass graft	-	4
Aorto-femoral bypass graft	-	4
Aortic aneurysms	-	6
Coarctation of aorta	-	7
Lung surgeries:		
Lobectomies	2	28
Pneumonectomies	-	2
Esophageal surgeries	-	17
Bronchoscopy	10	10
MICAS	-	3

**Surgeries performed at Great Ormond Street Hospital, London between July**

**1996-June 1998:**

<i>Procedure</i>	<i>Operated</i>	<i>Assisted</i>
ASD	10	44
VSD	3	78
Coarctation	3	29
PA banding	-	9
TCPC	-	8
Tetralogy of Fallot	-	25
Bi-directional Glenn	-	22
Truncus arteriosus	-	8
PDA	4	25
BT shunt	2	26
Arterial Switch	-	55
Sennings operation	-	2
Mitral valve replacement	-	23
AVSD	-	26
ECMO procedures	35	39
Diphragmatic plication	3	12
TAPVC repair	-	16
RV-PA homograft	-	17
Heart transplant	-	7
Heart & lung transplant	-	7
Norwood I stage procedure	-	11
Repair of Pectus	6	1
Rastelli operation	-	3
Aortic valve replacement	-	2
Vascular rings	-	3
Thymectomy	1	1
Lobectomy	12	8
Unifocalisation	-	4
Hickman line insertion	22	1
Absent pulmonary valve syndrome	-	4
Chest wall tumour	2	4
Atrial septectomy, PA banding	-	5
Sub-aortic stenosis	-	9
Pulmonary valvotomy	-	4
Aortic valvotomy	-	4
Repair of interrupted aortic arch	-	2
Ebstein's anomaly	-	4
pericardiectomy	-	2

*Curriculum Vitae of Muthu Jothi*

Brocks infundibulectomy	-	1
Ross procedure	-	3
Tracheal transplant	-	4
Mediastinal tumour biospy	11	1
Excision of LA myxoma	-	1
Repair of LV aneurysm	-	1
Repair of congenital pulmonary vein stenosis	-	1
SVC thrombectomy	-	2
Repair of RSOV	-	1
Repair of coronary fistula	-	1
LV-PA conduit	-	1
Excision of RV vegetation	-	1
Bentall's procedure	-	1
Bronchoscopy	4	-
Lung biopsy	4	-
Slide tracheoplasty	-	2
Decortication of lung	3	-

**Operating Experience at Royal Brompton Hospital, London between July 1998-**

**June 2000:**

<b>Procedure</b>	<b>Operated</b>	<b>Assisted</b>
CABG	31	92
CABG + AVR	-	8
Aortic valve replacement	16	12
Mitral valve replacement	22	6
TVR, PVR	-	3
BT shunt	34	16
Fallot's Tetralogy	3	30
Arterial switch	-	37
Repair of ASD	40	2
Stage I Norwood	-	8
Repair of AVSD	1	30
Repair of PAVSD	24	3
PA banding	12	5
TCPC	1	4
Lung biopsy	1	-
PVR	-	10
AVSD + TOF	-	1
Tracheostomy	2	1
Aortic valvotomy	2	1
Repair of RV false aneurysm	-	1
Redo COA repair	-	1
Coronary AV fistula repair	-	1
Repair of supra valvar stenosis	-	4
Aortic homograft	-	19
Bidirectional Glenn	1	4
Absent PV syndrome	-	1
Diphragmatic plication	8	-
ECMO	11	-
Excision of supra mitral membrane	-	1
Pulmonary valvotomy	2	2
Drainage of pericardial effusion	19	1
VSD closure	16	19
Mitral valve repair	-	17
Repair of descending aortic aneurysm	-	1
Repair of TAPVD	2	5
Repair of coarctation	39	10
Repair of ruptured RV	-	1
Repair of tear RA	-	1

Heart transplant	-	11
Heart & lung transplant	-	6
Double lung transplant	-	3
Insertion of LV assist device	-	6
Repair of aortic dissection	-	8
Rastelli operation	-	5
Ross operation	-	15
Aortic root replacement	-	5
Resection of sub-aortic stenosis	10	7
Repair of PA, VSD	-	6
Unifocalisation	-	9
Repair of vascular ring	2	2
Repair of IAA	-	2
Insertion of permanent pacemaker	5	-
Ligation of anomalous RSA from RPA	-	1
Mustard's operation	-	1
PDA ligation	16	-
Repair of truncus type I	-	5
Decortication of lung	-	2
Lung volume reduction surgery	-	1
Double switch	-	1
Sennings operation	-	2
Repair of ALCAPA	-	1
Aortic valvotomy	1	1
Repair of pulmonary vein stenosis	-	1
Removal of infected pacemaker	-	1
Maze operation	-	1
Repair of ischemic VSD	-	1
DKS operation	-	11
RV-PA conduit	6	17
Redo – repair of IAA	-	1
Hickman line insertion	6	-

**Operating Experience at Alder Hey Children’s Hospital, Liverpool between July 2000 – June 2001:**

<b>Procedure</b>	<b>Operated</b>	<b>Assisted</b>
VSD	3	32
AVSD	-	9
TOF	-	24
BT shunt	2	14
COA	-	21
PDA	7	-
PA banding	1	6
TAPVD	-	1
Repair of hypoplastic aortic arch	-	6
DKS operation	-	1
SAS resection	-	3
Bidirectional Glenn	-	7
TCPC	-	3
Pacemaker implantation	-	1
Repair of ALCAPA	-	1
Central shunt	-	1
Redo RV-PA conduit	-	3
Right unifocalisation	-	1
ASD repair	3	8
Absent pulmonary valve syndrome		1
Implantation of permanent pacemaker	3	1
Arterial switch operation	-	24
Repair of Type II Truncus		1
Repair of AP window	-	1
Pulmonary valvotomy	-	1
Aortic valvotomy	-	1
Ross operation	-	2
Repair of interrupted aortic arch	-	4
Rastelli operation	-	1
Stage I Norwood	-	5
MVR	-	3
Re-do tricuspid valve replacement	-	2
Repair of ALCAPA	-	2
Atrial septectomy	-	1

**Surgeries performed at the Royal Brompton Hospital, London between July 2001-Dec'03:**

<b>Procedure</b>	<b>As Operating Surgeon</b>	<b>As Assistant</b>
Coronary artery bypass grafting	120	180
Re-do mitral valve repair	1	7
CABG + AVR		11
Re-do RV-PA conduit	10	6
Coarctation repair	50	5
Drainage of pericardial effusion	12	1
Homograft AVR		4
Ross		40
Repair of interrupted aortic arch		8
Pulmonary embolectomy		1
Re-exploration of bleeding	25	
VSD closure	70	13
BT shunt	46	8
Insertion of PPM	37	
Switch		56
AVSD	10	6
TOF repair	8	17
Truncus repair		11
ASD	29	11
AVR	3	11
Tracheostomy	23	19
MV repair		2
LA myxoma		1
Aortic dissection		32
Heart transplant		11
PAVSD repair	14	
Diaphragm plication	10	2
Repair of PA, VSD		2
Relief of RVOTO	16	3
Ligation of PDA (premature babies)	45	
Resection of sub-aortic stenosis	6	3
MVR + CABG		1
AVSD + TOF		1
Cavopulmonary shunt		4
Completion of TCPC	11	2
TAPVD		17
Primum ASD closure	17	

<b>Procedure</b>	<b>As Operating Surgeon</b>	<b>As Assistant</b>
Relief of pulmonary venous obstruction		1
Resection of RVOT aneurysm		3
Relief of supra-valvar AS and PS	2	
Ross Konno		5
PA band	15	1
Central shunt	1	1
Rastelli		2
Norwood I		4
Vascular ring	4	

**SURGERIES PERFORMED AT KMCH, COIMBATORE[AS OPERATING SURGEON] FROM JAN'04 to SEP 2009.**

Repair of ASD	246
Repair of VSD	217
Repair of Tetralogy of Fallot	140
B-T Shunt	102
PA Band	18
PDA Ligation	82
Relief of Pulmonary Stenosis	11
Mitral Valve Replacement	320
Double Valve Replacement	130
Repair of Diaphragmatic Hernia	4
Drainage of Pyopericardium	1
Decortication of Lung	22
Pneumonectomy	2
Repair of Common Atrium	10
Redo ASD Closure	1
Repair of Adult Coarctation	11
Repair of Mixed Type of TAPVD	18
Repair of Intra Cardiac TAPVD	11
Repair of Double Chambered RV	3
Lung Biopsy (Mesothelioma)	11
Repair of Hemi Anomalous Pulmonary Venous Drainage	1
Closure of Multiple VSD,s	14
Aortic Valve Replacement	98
ASD Closure with Mitral Valve Repair	11
MVR with Devega's Annuloplasty	52
CABG with MVR	44
Thoracotomy Decompression of D8 Spine Implantation of rib graft	1
CABG	503
ASD with Repair of Mitral valve	1
Lobectomy	44
DVR with obliteration of aortic root abscess	1
Aortic valve replacement	117
Excision of RA myxoma and bilateral BDG	1
Removal of F.B Bronchus	5
Repair of Neonatal Aortic Coarctation	40
Tracheostomy	5
Ventriculo – pleural shunt	1
Repair of TOF with Pulmonary atresia	1

Repair of Supra Cardiac TAPVD	34
Repair of Dissection of left subclavian artery	1
Excision of Pulmonary Hydatidosis	1
VSD with AVR	18
Repair of right brachial artery injury	1
Repair of RV perforation	1
Repair of Aortic Aneurysm	1
Femoral artery Reconstruction	1
Repair of RSOV	29
Repair of DORV type of TOF	5
Brachial artery reconstruction	1
Repair of Ostium Primum ASD	29
Femoral embolectomy	1
Repair of AVSD	29
Bullectomy	2
Repair of Supraaortic Aortic Stenosis	1
Repair of Type I Truncus	1
Relief of Subaortic Stenosis	8
Ross Operation	12
Repair of Tracheo-Esophageal Fistula	1
Arterial Switch	8
Pericardiectomy for constriction	1
Diaphragmatic Repair	3
Implantation of permanent pacemaker	9
Central shunt	4
De-clotting of prosthetic mitral valve	5
KONNO RASTAN PROCEDURE	1