

CURRICULUM VITAE

MR MARK ALI

BSc Hons. MBBS FRCS (Eng) FRCS CTh

Name: Mr. Mark ALI

Qualifications BSc Hons MBBS FRCS FRCS CTh

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Date of birth: 22nd of November, 1963

Nationality: British. Born in London, England.

GMC Registration: Full Specialist Registration. Number 3323913.

CCST: Specialist Accreditation in Cardiothoracic Surgery, 2003 (Pan Thames London Cardiothoracic Surgery Rotation)

Medical Education University College Hospital
Medical School, London (1983 - 1989)

Qualification details **Intercalated BSc Hons.**
Immunology and Molecular Biology
University of London 1986

MB BS
University of London 1989

FRCS
London 1993

FRCS C. Th.
Edinburgh 2001

PREVIOUS APPOINTMENTS

- 1/6/09 to present** **Consultant in Cardiac Surgery and Medical Director of
The Private Harley Street Clinic, London**
- Responsible Officer for DHI (2012-2016), Responsible Officer for
the Private Harley Street Clinic (2009-present)**
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- 1/5/04 to 30/6/09** **NHS Consultant Cardiothoracic Surgeon, Royal Victoria
Hospital, Belfast**
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- 1/1/02 to 30/4/04** **Senior Specialist Registrar to Professor KM Taylor, Mr PL
Smith, Mr J Anderson and Mr P Punjabi**
Hammersmith Hospital, London W12
-
- 1/7/02 to 30/10/03
(Secondment)** **Chef de Clinique to Professor Acar**
- (Royal College of Surgeons of England Fellowship)
Department of Cardiothoracic Surgery
Hopital La Pitie Salpetriere
Paris, France
-
- 1/7/01 to 31/12/01** **Senior Registrar to Mr N Sarsam**
- St George's Hospital, London SW17
-
- 1/1/01 to 30/6/01** **Senior Registrar to Professor J Pepper and Professor MY
Yacoub**
- Royal Brompton Hospital, London, SW3
-
- 1/8/00 to 31/12/00** **Senior Registrar to Professor MY Yacoub, Mr A Khagani and
Mr M Amrani**
- Harefield Hospital, Middlesex
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- 1/3/00 to 31/7/00** **Registrar to Mr W Fountain and Mr E Townsend**
- Harefield Hospital, Middlesex

1/3/98 to 29/2/00

Registrar to Mr Walesby, Mr Pugsley, Mr Pattison and Mr Kallis

Middlesex Hospital, London W1

1/3/97 to 28/2/98

Registrar to Professor T Treasure, Mr J Gaer, Mr A Murday, Mr Sayer and Mr Smith

St George's Hospital, London SW17

1/10/95 to 28/2/97

Registrar to Professor KM Taylor, Mr PL Smith and Mr CP Ratnatunga

Hammersmith Hospital, London, W12

1/2/94 to 30/9/95

Honorary Clinical Registrar to Professor KM Taylor, Mr PL Smith and Mr CP Ratnatunga

Hammersmith Hospital, London, W12

SENIOR HOUSE OFFICER APPOINTMENTS

1/8/93 to 31/1/94

Senior House Officer to

Mr. D.F. Shore

Royal Brompton National Heart and Lung Hospital
London SW3

Cardiothoracic Surgery

1/9/92 to 31/7/93

One year General Surgery Rotation

St Helier Hospital
Carshalton
Surrey
SM5 1AA

General Surgery

1/2/92 to 31/7/92

Senior House Officer to

Professor S. Hughes
Hammersmith Hospital, London W12

1/8/91 to 31/1/92

Senior House Officer to
Professor KM Taylor, Mr PL Smith and Mr BE
Keogh
Hammersmith Hospital, London W12
Cardiothoracic Surgery

1/8/90 - 31/7/91

Senior House Officer to

Dr E Glucksman

King's College Hospital
Denmark Hill, London SE5

Accident and Emergency
and
Anatomy Demonstrator to

Professor KE Webster

HOUSE OFFICER APPOINTMENTS

1/2/90 - 31/7/90

House Surgeon to

Mr LN Allen
Mr RA Harrison

Edgware General Hospital
Edgware, Middlesex

*General Surgery with special interest in GI Surgery
and Urology*

1/11/89 - 31/1/90

House Physician to

Professor SJG Semple and Dr Swanton

The Middlesex Hospital, London W1

*General Medicine with special interest in Cardiology,
Respiratory Medicine and AIDS*

1/8/89 - 31/10/89

House Physician to

Professor BNC Prichard
Dr CWI Owens
Dr JM Walker

University College Hospital, London, WC1

*General Medicine with a special interest in
Cardiology and Clinical Pharmacology*

MANAGEMENT AND ADMINISTRATIVE EXPERIENCE

- **Consultant level experience of managing a cardiothoracic surgery practice in the British NHS and in the Assistance Publique in France.**
- **Management training courses for Consultant surgeons**
- **Experience in surgical directorate and working parties**
- **Organisation of consultant cardiothoracic surgeon meetings**
- **Responsibility for audit management**
- **Management of live surgery broadcasts**

TEACHING EXPERIENCE

I have received training in many aspects of learning, teaching, appraisal and assessment including attending the Training the Trainers for Cardiothoracic Surgeons Course at the Royal College of Surgeons in April, 2003.

Undergraduate:

- **Undergraduate tutor**
- **Course organiser for Cardiothoracic Surgery teaching, Imperial College London**

Postgraduate:

- **RITA Appraisal and assessment of SpRs**
- **Educational supervisor of SHOs and SpRs**
- **Educational activities coordinator for Cardiothoracic SpRs**
- **Organiser of Pan-Thames Part III Cardiothoracic FRCS course 2001**
- **Consultant teaching and training for nurses, physiotherapists and other hospital staff**
- **Consultant teaching to SHOs and SpRs**

RESEARCH EXPERIENCE

- **Thesis on the mitral homograft – Peer review publications and invited presentations to international meetings**
- **Peer reviewed publications on clinical and laboratory based studies**
- **Presentations at national, European and American meetings**
- **Invited Guest Lecturer at the 2003 Society of Thoracic Surgeons Meeting, San Diego, USA**
- **Invited Guest Lecturer at the 2003 Advances in Cardiology Symposium on Aortic and Mitral Valves, Royal Brompton Hospital, London.**
- **Supervisor for MD students**

The mitral homograft – a valuable alternative to prosthetic mitral valve replacement?

The objective of the thesis was to examine the experimental and clinical data on mitral homograft replacement in order to ascertain whether it represents a valuable alternative to prosthetic mitral valve replacement. This work entailed harvesting, classifying and storing homografts. Then I learned how to surgically implant the homografts. I then performed a retrospective analysis of the patient outcome including echocardiographic data that involved contacting patients and cardiologists in nine countries. In addition, I performed a histological analysis on all retrieved homograft explants in order to elucidate the natural history of an implanted mitral homograft.

The conclusion of my thesis was that complete mitral homografts in their present form do not provide a durable alternative to bioprosthetic mitral valve replacement. This was due to inadequate sizing of homografts, early fibrosis and late calcification. However, partial homografts appear to be more durable and may represent a useful addition to current mitral valve reconstructive techniques for asymmetrical mitral valve disease.

This work has a limited follow up because of the wide geographical location of the patients so we are in the process of collating more data in order to obtain more robust statistical data. In addition, we are researching the relative merits of aortic compared to mitral homografts performed in the same institution.

I have presented this work at several international meetings including the Society of Thoracic Surgeons in the USA and also have had a paper on this study published in the Journal of Cardiovascular and Thoracic Surgery in October, 2004.

PRESENTATIONS

Cancer deaths following heart valve replacement surgery

Society of Cardiothoracic Surgeons of Great Britain and Ireland, Bristol, March 1993

The effect of aprotinin on the inflammatory response to cardiopulmonary bypass

Hammersmith Hospital Research Methods in Surgery, October 1994

Does aprotinin ameliorate the inflammatory response?

Cardiac Surgery Research Club, St. Thomas's Hospital, May 1995

Aprotinin attenuates the inflammatory response to cardiopulmonary bypass

Perfusion Workshop on the inflammatory response to cardiopulmonary bypass, Hammersmith Hospital, December 1995

Cerebral monitoring using positron emission tomography during cardiopulmonary bypass in the porcine mode

Cardiac Surgery Research Club, St George's Hospital, May 1997

Normothermic, pulsatile cardiopulmonary bypass may worsen splanchnic hypoxia

Cardiac Surgery Research Club, St George's Hospital, May 1997

Regional, non invasive and dynamic measurement of cerebral metabolism during cardiopulmonary bypass

European Association of Cardiothoracic Surgery, September, 1997

Normothermic and pulsatile cardiopulmonary bypass causes a significant increase in splanchnic hypoxia

European Association of Cardiothoracic Surgery, September, 1997

Concomitant CEA and CABG or the staged approach?

London Cardiothoracic Training Day, Royal Brompton Hospital, London, June, 2001

RECENT PRESENTATIONS

Mitral valve surgery – new techniques.

Northern Ireland Cardiology Guest Lecture
Belfast, November, 2006

What's new in mitral valve repair?

Invited Guest Lecture
Annual Cardiology Update (Irish Cardiac Society)
Enniskillen, May 2005

The Mitral Homograft

Honoured Guest Lecture
Symposium on Mitral Valve Surgery
Society of Thoracic Surgeons of the USA
San Diego, January, 2003

Repair Techniques for Mitral Valve Disease

Invited Guest Speaker
Advances in Cardiology - Aortic and Mitral Valves
Royal Brompton Hospital
London, February, 2003

Ischaemic mitral regurgitation – Mechanisms and Implications for Repair

Second Biennial Meeting of the Society for Heart Valve Disease
Paris, June, 2003

The Mitral Homograft – 10 Year Results

Second Biennial Meeting of the Society for Heart Valve Disease
Paris, June, 2003

PUBLICATIONS

Evidence for the involvement of DNA topoisomerase II in neutrophil granulocyte differentiation.

Leukaemia

Vol 1, No. 9 1987 pp: 653-659

JE Berney, **MI Ali** and GE Francis.

Cerebral monitoring during cardiopulmonary bypass.

Perfusion

Jul 1996 pp: 299-312

MI Ali, PL Smith and KM Taylor.

Aprotinin attenuates the inflammatory response to cardiopulmonary bypass.

Perfusion

May 1996 pp: 278-280

MI Ali, SK Ohri, JJ Brannan, J Becket, J Fleming and KM Taylor.

Castleman's disease is associated with myasthenia gravis

Annals of Thoracic Surgery

May 2003; 75 (5): 1648-50

Day JR, Bew D, **Ali M**, Dina R and Smith PL.

Mid-term results of homograft replacement of the mitral valve.

Journal of Thoracic and Cardiovascular Surgery

2004 Oct; 128(4):529-34.

Mark Ali, Emmanuel Lansac, Bernard Iung and Christophe Acar

COURSES

Course in Accident and Emergency
Central Middlesex Hospital
August, 1990

Professor Slome Course for the Primary FRCS
King's College London
September to December 1990

Radiation Protection for Clinicians
Hammersmith Hospital
May, 1992

Clinical Surgery in General FRCS Course
St. Thomas' Hospital
March, 1993

Video assisted thoracoscopic training course
European Institute for minimal invasive surgery
Hamburg
September, 1995

Basic Sciences for Cardiothoracic Surgeons
Royal College of Surgeons, London
July, 1996

Birmingham Review Course in Cardiothoracic Surgery
Queen Elizabeth Hospital
September- October, 2000

Valve Repair Workshop
Harefield Hospital
October, 2000

Aortic Root Surgery Course
Royal College of Surgeons, London
November, 2000

Nouvelle Chirurgie Mitrale
Program Director – Christophe Acar
Hopital de La Pitie-Salpetriere
Paris
December, 2000

COURSES

Management, Clinical Governance and Teaching Course for Senior Specialist Registrars
St Georges' Hospital, London SW17
December, 2001

European Chapter of Le Club Mitrale
Professor Alain Carpentier
Georges Pompidou Hospital, Paris
December, 2002

Diploma Course in Heart Valve Surgery
University of Paris
November, 2002 to February, 2003

The Maze procedure – Which technique and which device?
Dr Donald Doty, Salt Lake City, Utah
Society of Thoracic Surgeons Workshop
San Diego, January, 2003

Advances in Cardiology
Aortic and Mitral Valve disease
Royal Brompton Hospital, London
February, 2003

Training the Trainers for Cardiothoracic Surgery
Royal College of Surgeons of England
London
April, 2003

SCTS Meeting
Bournemouth, 2004

EACTS Meeting
Barcelona
September, 2005

SCTS Meeting
Dublin
March, 2006

First Forum Complex Aortic Valve disease
Seville
March, 2006

Society of Thoracic Surgeons

San Diego
January, 2007

American Association of Thoracic Surgeons
San Diego
April, 2008

May 30th-31st, 2008

At the heart of the mitral valve

Catania, Italy

October 13th-15th, 2008

Master of Valve repair programme

Harefield, UK

December 8th - 10th, 2008

Heart Valve Therapies, Mitral Valve Club (Carpentier)

Paris, France

April 27th - April 28th, 2009

Cardiothoracic Surgery training course
Professor Perier
Hospital:

Herz-und Gefassklinik

Salzburger Leite 1,

Bad Neustadt

July 1st to 14th July, 2009

Complex Cardiothoracic surgery course

Professor Pavie

La Pitie Salpetriere

Paris

August 17th to August 21st, 2009

Complex Cardiothoracic Surgery

Professor Dor and Professor Dreyfus

Cardiothoracic Clinic of Monaco

American association of Thoracic surgery meetings 2009-2017, USA

European association of Thoracic surgery meetings, 2009-2017.

30th June and 1st July, 2015

Responsible Officer Training by NHS England

Gloucester Millenium Hotel Conference, London

31st July, 2015

Advanced Life Support Training

Whittington Hospital, London

Appraiser training
NHS England
18th November, 2015

Refresher Lead appraiser training
NHS England, October, 2016

RO regional network meeting
St Thomas's Hospital
December, 2016

HCA Appraiser Lead and RO training
Wellington Hospital
London, May 2012

Refresher Lead Appraisal training
Wellington Hospital
June, 2017

RO Network meeting
St Thomas's Hospital
5th July, 2017

Learning module completed APLS
15 August, 2017

