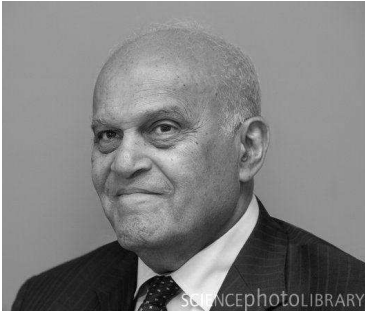


Curriculum Vitae

Sir Magdi Habib Yacoub, FRS; born 16 November 1935 in Egypt, is Professor of Cardiothoracic Surgery at Imperial College London.



Prof Yacoub's major achievements may be summarised:

- establishing heart transplantation in UK and becoming the world's leading transplant surgeon
- establishing and becoming a master of the "Ross Procedure" or pulmonary autograft, including a randomised control trial
- pioneering the modern arterial switch operation
- promoting the use of left ventricular assist devices for the 'Bridge to Recovery' and establishing the largest experience in the world
- establishing the Heart Science Centre, Magdi Yacoub Institute for research into the causes and treatment of cardiac disease
- establishing the Chain of Hope Charity which provides cardiothoracic surgical care to the developing world
- championing academic medicine, humanitarian surgery and becoming an example of a minority surgeon who flourished in institution-dominated field.

Early life and career

The son of a surgeon, Yacoub studied at Cairo University and qualified as a doctor in 1957. He reportedly said he decided to specialise in heart surgery after an aunt died of heart disease in her early 20s. He moved to Britain in 1962, then taught at The University of Chicago. He became a consultant cardiothoracic surgeon at Harefield Hospital in 1973.

Curriculum vitae

- 1957 Medical Bachelor, Cairo (Egypt)

- 1964-1968 Rotating Senior Surgical Registrar, National Heart and Chest Hospitals, London
- 1969 Instructor and Assistant Professor, University of Chicago (USA)
- 1973-2001 Consultant Cardiac Surgeon, National Heart Hospital-Royal Brompton and Harefield National Health Service (NHS) Trust, London
- 1986-2006 British Heart Foundation Professor of Cardiothoracic Surgery
- 1986–present Professor of Cardiothoracic Surgery, National Heart and Lung Institute, Imperial College Faculty of Medicine
- 2001–present Founder and Director of Research of the Magdi Yacoub Research Institute, Harefield
- 2008–present Founder and Chair of Magdi Yacoub Research Network, London
- 2010–present Co-Chair and Research Director of Qatar Cardiovascular Research Center, Doha, Qatar

The Harefield transplant programme

Under his leadership, the Harefield Hospital transplant programme began in 1980 and by the end of the decade he and his team had performed 1000 of the procedures and Harefield Hospital had become the leading UK transplant centre. During this period there was an increase in post-operative survival rates, a reduction in the recovery periods spent in isolation and in the financial cost of each procedure. In order to remove donor hearts, he would travel thousands of miles each year in small aircraft or helicopters. Most of his patients received treatment under the National Health Service, but some private foreign patients were also treated.

He was appointed professor at the National Heart and Lung Institute in 1986, and was involved in the development of the techniques of heart and heart-lung transplantation.

Recent work

Having retired from performing surgery for the National Health Service in 2001 at the age of 65, Yacoub continues to act as a high-profile consultant and ambassador for the benefits of transplant surgery. He continues to operate on children through his charity, The Chain of Hope.

In 2006 he briefly came out of retirement to advise on a complicated procedure which required removing a transplant heart from a patient whose own heart had recovered. The patient's original heart had not been removed during transplant surgery nearly a decade earlier in the hope it might recover.

In April 2007, it was reported that a British medical research team led by Yacoub had grown part of a human heart valve, from stem cells, a first.

Other activities and achievements

- He is also notable for saving many lives by pioneering a technique for 'switching' the heart vessels of babies born with transposition of the great arteries, a congenital heart defect in which the two major vessels carrying blood out of the heart, the aorta and the pulmonary artery, are switched.
- In 1995 he founded the UK charity Chain of Hope (www.chainofhope.org). This charity aims to provide children suffering from life-threatening disease with the corrective surgery and treatment to which they do not have access.

- Among celebrities whose lives he extended was the comedian, Eric Morecambe. He was also known to have treated the famous Egyptian actor Omar Sharif, urging the latter to give up the cigarettes that had led to his heart attack.
- In 2002 he was selected to spearhead a government recruitment drive for overseas doctors.
- He has had a house named after him at The Petchey Academy which opened in September 2006.
- He is one of few masters and teachers in the world of the highly technically demanding "Ross Procedure".
- He established the Aswan Heart Center in April 2009 which is located in Upper Egypt in order to help children with heart problems find the right medication.^[7]

Honours and awards

- Order of Lebanon
- City of Parma
- City of Athens
- Order of Pakistan
- 1988 Bradshaw Lecture, Royal College of Physicians
- 1992 Knighted by HM Queen Elizabeth II
- 1998 Texas Heart Institute Ray C. Fish Award for Scientific Achievement in Cardiovascular Disease
- 1999 Lifetime outstanding achievement award in recognition of contribution to medicine, Secretary of State for Health (UK)
- 2001 The Cleveland Clinic Foundation Heart Failure Summit : Kaufman Awardee
- 2003 Golden Hippocrates International Award for Excellence in Cardiac Surgery (Moscow)
- WHO Prize for Humanitarian Services
- 2004 International Society for Heart & Lung Transplantation Lifetime Achievement Award
- 2006 European Society of Cardiology Gold Medal
- 2007 Daily Mirror *Pride of Britain* Lifetime Achievement Award
- 2007 Honorary citizenships of the city of Bergamo, Italy^[8]
- 2007 Medal of Merit, President, International Academy of Cardiovascular Sciences
- 2011 Greatest Nile Collar for science and humanity
- 2012 American College of Cardiology Legend of Cardiovascular Medicine

Qualifications/Honorary Degrees

MB BCh Cairo, 1957
 FRCS (Eng), FRCS (Ed), FRCS (Glas) 1961
 MRCS, LRCP (Lond) 1966
 DSc (Hon) Brunel University 1985
 DSc (Hon) University of Loughborough 1990
 DSc (Hon) University of Cardiff 1986
 MRCP 1986
 PhD (Hon) University of Lund, Sweden 1988
 DSc (Hon) American University at Cairo 1989
 FRCP (Hon) 1990
 FRS (Fellow of The Royal Society) 1999

Membership of Learned Societies & Colleges

1. Society of Thoracic Surgeons of Great Britain and Ireland
2. British Cardiac Society
3. Royal Society of Medicine
4. German Society of Thoracic and Cardiac Surgery
5. German Cardiac Society
6. Scandinavian Society of Thoracic Surgeons
7. Japanese Society of Surgeons
8. International Society of Thoracic and Vascular Surgery
9. European Society of Cardiothoracic Surgeons
10. Thai Society of Cardiothoracic Surgeons
11. Egyptian Society of Cardiology
12. South African Society of Cardiology
13. Cardiac Society of Australia and New Zealand
14. Pakistan Cardiac Society
15. Indian Society of Cardiothoracic Surgeons
16. Fellow of the American College of Cardiology
17. Fellow of The Royal Society
18. Founding Fellow of The Academy of Medical Sciences
19. British Transplantation Society

Editorial Duties

Editor:

Current Opinion in Cardiology: (Coronary Artery Surgery)
Current Opinion in Transplantation: (Heart)
Annual of Cardiac Surgery
Coronary Artery Disease: (Surgical Editor)
Clinical Cardiology: (Co-Editor)

Consulting Editor:

Circulation
Member of Editorial Board:
European Heart Journal
Journal of Heart and Lung Transplantation
Journal of Cardiac Surgery