

**MR NORMAN BRIFFA MB ChB MD FRCS(Cth)
CONSULTANT CARDIOTHORACIC SURGEON, SHEFFIELD
TEACHING HOSPITALS NHS TRUST,
HONORARY SENIOR LECTURER, UNIVERSITY OF SHEFFIELD.**

CURRICULUM VITAE

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PERSONAL DETAILS

NAME: Norman Paul Briffa

DATE OF BIRTH: 27 July 1960

PLACE OF BIRTH: Malta

NATIONALITY: Dual Citizenship (Maltese/British)

MARITAL STATUS: Married

SECONDARY EDUCATION: St Aloysius' College,
B'kara, Malta

UNIVERSITY EDUCATION: University of Sheffield
Medical School
1978 - 1983

DEGREES: MB ChB Jul 1983
Primary FRCS (Edinburgh and England
Jan/Feb 1986
FRCS (Eng) July 1988
FRCS (Cardiothoracic Surgery)
– October 1998
MD (University of Sheffield March 2006

GMC REGISTRATION Full Registration, no.2805300

MEDICAL PROTECTION: MEDICAL PROTECTION SOCIETY

PREVIOUS CONSULTANT POST – (March 1999-March 2005)*Consultant Cardiothoracic Surgeon, UHCW Hospitals NHS Trust, Coventry UK*

I had an adult cardiac and thoracic practice.

CURRENT CONSULTANT POST. (MARCH 2005-)*Consultant cardiac Surgeon , Sheffield Teaching Hospitals NHS trust, Sheffield, UK*

My current practice is adult cardiac surgery with an interest in Off pump coronary surgery and mitral valve surgery.

PAST EXPERIENCE***Higher Surgical Training*****West Midlands and Anglia Cardiothoracic Surgical Rotations**

| | | | |
|--|--------------------------------|---|--|
| Career Registrar Cardiac Surgery | May 1989 - December 1989 | Queen Elizabeth Hospital Birmingham | Messers Clarke & Fenn |
| Cardiothoracic Surgery | January 1990 - June 1990 | North Staffordshire Royal Infirmary | Messers Smallpeice & Prior |
| Thoracic Surgery | July 1990 - December 1990 | East Birmingham Hospital | Mr F.Collins |
| Cardiothoracic Surgery | January 1991- December 1991 | Walsgrave Hospital Coventry | Messers Dyde & Norton |
| Cardiac Surgery | January 1992- June 1992 | Queen Elizabeth Hospital Birmingham | Messers Fenn & Bonser |
| Senior Transplant Fellow | June 1992- July 1993 | Papworth Hospital | Messers Wallwork, Wells & Large |
| Career Registrar in Cardiothoracic Surgery | August 1993 - June 1995 | Papworth Hospital | Sir Terence English & Messers Wallwork, Wells, Large, Nashef and Dunning |
| Locum Senior Registrar in Cardiac Surgery | July 1995 - May 1996 | Queen Elizabeth Hospital Birmingham | Messers Bonser, Graham & Keogh |

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|--|-----------------------------|--|------------------------------|
| Specialist Registrar In Paediatric Cardiac Surgery | July 1997-December 1997 | Birmingham Children's Hospital, Birmingham | Messers Sethia and Brawn |
| Specialist Registrar In Thoracic Surgery | January 1998 – June 1998 | Birmingham Heartlands Hospital | Mr JFK Marzouk |
| Specialist Registrar In Cardiothoracic Surgery | July 1998- March 1999 | Walsgrave Hospital, Coventry | Mr W.Dimitri, Mr R.Norton |

Research Training

| | | | |
|---|-------------------------|--|-------------------|
| Post Doctoral research fellow - transplantation immunology | Jun 1996 – July 1997 | Stanford University California, USA | Dr Randall Morris |
|---|-------------------------|--|-------------------|

Basic Surgical Training

| | | | |
|--|---------------------------------|---|--|
| S.H.O. in A&E | August 1984- January 1985 | North Tyneside General Hospital | |
| S.H.O. in Orthopaedics | February 1985- July 1985 | North Tyneside General Hospital North Shields | Messers A.Gaynor & D'Netto |
| S.H.O. in General Surgery & Urology | August 1985 - March 1986 | Lodge Moor Hospital Sheffield | Messers Talbot & Thomas |
| S.H.O. in General Surgery & Urology | April 1986 - October 1987 | Derby City Hospital, Derby | Messers Goodall, Munson and Chilton |
| Registrar in Surgical Gastroenterology | November 1987 - October 1988 | Manchester Royal Infirmary | Messers Torrance and Taylor |
| Rotating Registrar in Cardiothoracic Surgery | November 1988 - April 1989 | Manchester Royal Infirmary | Messers Bassett, Grotte and Keenan |

House Jobs

| JOB | PERIOD | HOSPITAL | CONSULTANT |
|-----------------|-------------------------------|---|-------------------|
| House Physician | August 1983 - October 1983 | Royal Hallamshire Hospital Sheffield | Dr Cullen |

| | | | |
|-----------------|-----------------------------|--------------------------------------|-------------------------------|
| House Physician | October 1983 - January 1984 | Royal Hallamshire Hospital Sheffield | Drs Bradshaw & Gumpert |
| House Surgeon | February 1984 - July 1984 | Northern General Hospital | Messers Taylor, Smith & Goiti |

PUBLICATIONS AND PRESENTATIONS

Publications.

1. Briffa NP, Callum KG. Use of an embolectomy catheter to remove a submandibular duct stone. *Br J Surg* 1989;76(8):814.
2. Briffa NP. Cardiac tamponade: a review of diagnosis and anaesthetic and surgical management illustrated by three case reports. *Ann R Coll Surg Engl* 1989;71(2):146-7.
3. Walsh AK, Briffa N, Nash JR, Callum KG. The natural history of small abdominal aortic aneurysms: an ultrasound study. *Eur J Vasc Surg* 1990;4(5):459-61.
4. Briffa NP, Wilson I, Clarke DB. Surgical treatment of pulmonary hypertension in protein C deficiency. *Br Heart J* 1991;66(6):460-2.
5. Briffa N, Allen S, Wilson I, Clarke DB. Current early results of pulmonary thromboendarterectomy for chronic pulmonary embolism. *Eur J Cardiothorac Surg* 1991;5(5):281.
6. Briffa NP, Price C, Grotte GJ, Keenan DJ. Radial nerve injury in patients undergoing coronary artery bypass grafting. *Ann Thorac Surg* 1992;53(6):1149-50.
7. Price C, Briffa NP, Lynn MA. Perforation of an intraaortic balloon twice in one patient. *J Cardiovasc Surg (Torino)* 1992;33(1):44-5.
8. Briffa NP, Norton R. Simultaneous oesophagectomy and CABG for cancer and ischaemic heart disease. *Eur J Cardiothorac Surg* 1993;7(10):557-8.
9. Briffa N, Oaks T, Parameshawar J, Schofield P, Large S, Wallwork J. Harvesting of domino hearts. *J Heart Lung Transplant* 1993;12(5):884-5.
10. Briffa N, Oaks T, Parameshawar J, Schofield P, Large S, Wallwork J. Harvesting of domino hearts. *J Heart Lung Transplant* 1993;12(5):884-5.
11. Briffa NP, Wells FC. Chordal preservation during mitral valve replacement. *Ann Thorac Surg* 1994;58(5):1563.
12. Briffa NP, Dyde JA, Harris RI. Heart operation in a patient with refractory idiopathic thrombocytopenic purpura. *J Thorac Cardiovasc Surg* 1994;107(1):316-7.

13. Briffa NP, Dennis C, Higenbottam T, Nashef SA, Large SR, Wallwork J, et al. Single lung transplantation for end stage emphysema. *Thorax* 1995;50(5):562-4.
14. Briffa NP, Clarke S, Kugan G, Coulden R, Wallwork J, Nashef SA. Surgical angioplasty of the left main coronary artery: follow-up with magnetic resonance imaging. *Ann Thorac Surg* 1996;62(2):550-2.
15. Briffa N, Large SR. Venous thromboembolism in coronary artery surgery. *Heart* 1996;75(5):433.
16. Briffa N, Vicidimini G, Braidley P, Nashef SA, Wells FC. Bullous emphysema: the role of the surgeon. *Br J Hosp Med* 1996;55(4):213-7.
17. Briffa N, Morris RE. New immunosuppressive regimens in lung transplantation. *Eur Respir J* 1997;10(11):2630-7.
18. Briffa N, Morris RE. Immunosuppressive drugs after lung transplantation. *Bmj* 1998;316(7133):719-20.
19. Briffa N. Patient data, confidentiality, and electronics. *Bmj* 1998;316(7133):718-9.
20. Gummert JF, Ikonen T, Briffa N, Honda Y, Hayase M, Perloth J, et al. A new large-animal model for research of graft vascular disease. *Transplant Proc* 1998;30(8):4023.
21. Hausen B, Berry GJ, Dagum P, Ikonen T, Christians U, Briffa N, et al. The histology of subcutaneously implanted donor bronchial rings correlates with rejection scores of lung allografts in a primate lung transplant model. *J Heart Lung Transplant* 1999;18(7):714-24.
22. Hausen B, Ikonen T, Briffa N, Berry GJ, Christians U, Robbins RC, et al. Combined immunosuppression with cyclosporine (neoral) and SDZ RAD in non-human primate lung transplantation: systematic pharmacokinetic-based trials to improve efficacy and tolerability. *Transplantation* 2000;69(1):76-86.
23. Ikonen TS, Briffa N, Gummert JF, Honda Y, Hayase M, Hausen B, et al. Multidimensional assessment of graft vascular disease (GVD) in aortic grafts by serial intravascular ultrasound in rhesus monkeys. *Transplantation* 2000;70(3):420-9.
24. Briffa N. Surgeons' attitudes to intraoperative death. Cardiac surgeons might have different attitudes. *Bmj* 2001;323(7308):341-2.
25. Briffa NP, Shorthouse R, Chan J, Silva H, Billingham M, Brazelton T, et al. Histological and immunological characteristics of, and the effect of immunosuppressive treatment on, xenograft vasculopathy. *Xenotransplantation* 2004;11(2):149-59.
26. Vohra HA, Briffa NP. Routine preoperative insertion of IABP in high-risk off-pump coronary artery bypass grafting. *Heart Surg Forum* 2005;8(2):E94-5.

27. Vohra HA, Goldsmith IR, Rosin MD, Briffa NP, Patel RL. The predictors and outcome of recidivism in cardiac ICUs. *Eur J Cardiothorac Surg* 2005;27(3):508-11.
28. Briffa N. Off pump coronary artery bypass: a passing fad or ready for prime time? *Eur Heart J* 2008;29(11):1346-9.
29. Taggart DP, Altman DG, Gray AM, Lees B, Nugara F, Yu LM, et al. Randomized trial to compare bilateral vs. single internal mammary coronary artery bypass grafting: 1-year results of the Arterial Revascularisation Trial (ART). *Eur Heart J* 2010;31(20):2470-81.
30. Briffa N. Surgery for degenerative mitral valve disease. *Bmj* 2011;341:c5339.
31. Owers CE, Vaughan P, Braidley PC, Wilkinson GA, Locke TJ, Cooper GJ, et al. Atrial myxomas: a single unit's experience in the modern era. *Heart Surg Forum* 2011;14(2):E105-9.

Chapters (co-authored with RE Morris.)

Immunosuppressive Drug for the prevention and treatment of Transplant Coronary Artery Disease. – in ‘Transplant-Associated Coronary Artery Vasculopathy – edited by Marlene Rose – Landes Publishers

PRESENTATIONS

1. The Natural History of Small Abdominal Aortic Aneurysms - an ultrasound study
A.K.M.Walsh, **N.P.Briffa**, J.R.Nash, K.G.Callum. . the *INTERNATIONAL SOCIETY OF VASCULAR SURGEONS*. Vail Colorado, U.S.A. March 1988
2. Timing of the closure of the leg wound in the Coronary Artery Bypass operation.
N.P.Briffa, C.Price, D.Keenan, G.Grotte. the *SOCIETY OF CARDIOTHORACIC SURGEONS OF GREAT BRITAIN AND IRELAND*. Glasgow November 1989
3. The Coronary Microvasculature is not affected by CMV infection in Cardiac Transplant Patients. P.A.Mullins, B.Biocina, A.Chauhan, F.C.Cuilli, **N.Briffa**, S.R.Large, J.Wallwork, P.M.Schofield. - the *BRITISH TRANSPLANTATION SOCIETY* meeting in London, November 1992.
4. Single Lung Transplantation - Evolution of a Program. **N.P.Briffa**, C.Dennis, F.Cuilli, W.Kasper-Koenig, T.Higenbottam, J.Wallwork, F.C.Wells.- the *INTERNATIONAL SOCIETY FOR HEART AND LUNG TRANSPLANTATION* conference in Boca Raton, U.S.A. Spring 1993
5. The Airway Anastomosis: is there a problem ? C.Dennis, **N.P.Briffa**, F.C.Wells, T.Higenbottam, J.Wallwork. - the *INTERNATIONAL SOCIETY FOR HEART AND LUNG TRANSPLANTATION* conference in Boca Raton, U.S.A. Spring 1993
6. Reduction of Blood Loss in Heart-Lung Transplantation using High Dose Perioperative Aprotinin. F.Cuilli, **N.P.Briffa**, C.Dennis, S.R.Large, F.C.Wells, J.Wallwork. - the *INTERNATIONAL SOCIETY FOR HEART AND LUNG TRANSPLANTATION* conference in Boca Raton, U.S.A. Spring 1993
7. Malignancy in 14 years of Heart and Lung Transplantation.J.Parameshwar, N.Cary, T.Wreghitt, C.Dennis, **N.Briffa**, L.Hoff, S.Stewart, P.Schofield, S.Large, F.C.Wells, J.Wallwork. - the *BRITISH TRANSPLANTATION SOCIETY* spring meeting 1993 in Exeter.
8. Domino Heart Transplantation - maximal use of donor organs. **Briffa N**, Oaks T, Ofiesh J. Sharples L, Large S, Wallwork J.- the *SOCIETY FOR ORGAN SHARING - 2ND INTERNATIONAL CONGRESS* - Vancouver Canada July 1993
9. Single Lung Transplantation for end-stage Lung Disease due to Emphysema **N.P.Briffa** C.Dennis, T.Higenbottam, J.Wallwork, F.C.Wells. . - the *EUROPEAN ASSOCIATION OF CARDIOTHORACIC SURGERY*. Barcelona September 1993.
- 10.Treatment of end-stage emphysema - Single lung or heart lung transplant. C.Dennis, **N.BRIFFA**, T.Higenbottam F.Wells, J.Wallwork. - the *EUROPEAN RESPIRATORY SOCIETY*. Florence, December 1993

11. Transplanted Lung Volume Change after Single Lung Transplantation. Y.Katayama, **N.Briffa**, B.Mist, C.Glanville, F.C.Wells, J.Wallwork, T.Higenbottam. - **the BRITISH THORACIC SOCIETY** June 1994
12. The Changes in volume of the Single Lung Transplant. Y.Katayama, **N.Briffa** G.Cremona, C.Glanville, S.A.M.Nashef, S.R.Large, F.C.Wells, J.Wallwork, T.Higenbottam. - **the EUROPEAN RESPIRATORY SOCIETY**. November 1994
13. Changes in Graft volume after Single Lung transplantation. Y.Katayama, **N.Briffa** G.Cremona, C.Glanville, S.A.M.Nashef, S.R.Large, F.C.Wells, J.Wallwork, T.Higenbottam. - **the INTERNATIONAL SOCIETY FOR HEART AND LUNG TRANSPLANTATION**- San Francisco April 1995
14. Spontaneous Cardioversion And Mitral Valve Repair: A Role For Surgical Cardioversion (Cox Maze). Hosseinpour A, **Briffa N**, Wisby C, Wells FC, Large S. - 9th Annual Meeting Of **THE EUROPEAN ASSOCIATION OF CARDIOTHORACIC SURGEONS** - Paris, France.
15. Chronic Xenograft Rejection: Treatment with Cyclosporine and Leflunomide Prevents IgM and IgG Xenoantibody Formation and Intimal Thickening in Rat Recipients of Hamster Aortic Xenografts. **N.Briffa**, R.Shorthouse, J.Chan, R.Morris – **THE 4TH INTERNATIONAL CONGRESS OF XENOTRANSPLANTATION** – Nantes France – September 1997
16. Video Enhanced Muscle Sparing Thoracotomy – the ultimate approach to intrathoracic tumour resection - N.Briffa, K.Boyce, D.Waller, J.F.K.Marzouk – presented at **THE ANNUAL MEETING OF THE SOCIETY OF CARDIOTHORACIC SURGEONS OF GREAT BRITAIN AND IRELAND** – EDINBURGH MARCH 1988.
17. Successful Suppression of Lung Allograft Rejection in Nonhuman primates by combined treatment using the new rapamycin Derivative SDZ RAD plus microemulsion cyclosporine . B Hausen, T.Ikonen, **N.Briffa**, G.J.Berry, U.Christians, RC Robbins S.Sherwood, W.Schuler, RE Morris. Department of Cardiothoracic Surgery and Pathology, Stanford University, Palo Alto CA 94305-5407, Novartis Pharma inc Basle, Switzerland. PRESENTED AT **THE ANNUAL MEETING OF THE INTERNATIONAL SOCIETY OF HEART AND LUNG TRANSPLANTATION** – Chicago April 1998.
18. The Histology of Subcutaneously Implanted Donor Bronchial Rings Correlates with Rejection Scores of Lung Allografts in a Primate Lung transplant Model. B.Hausen, G.J.Berry, P.Dagum, T.Ikonen, **N.Briffa**, R.C.Robbins, R.E.Morris. **THE ANNUAL MEETING OF THE INTERNATIONAL SOCIETY OF HEART AND LUNG TRANSPLANTATION** – Chicago April 1998.
19. Prevention of Obliterative Airway Disease (OAD) in Heterotopic Rat Tracheal Allografts Without Immunosuppression: Anastomosis of Recipient Trachea to Donor Trachea .enables re-epithelialization of allografts by recipient epithelium. T.Ikonen, **N.Briffa**, T.Brazelton, R.Shorthouse, G.Berry, R.E.Morris, Stanford University California, USA

THE ANNUAL MEETING OF THE INTERNATIONAL SOCIETY OF HEART AND LUNG TRANSPLANTATION – Chicago April 1998.

20. Progressive Graft Vascular Disease (GVD) by Serial Intravascular Ultrasound (IVUS) in a novel model of combined Auto- and allograft Transplantation in non-human Primates. **N.Briffa**, T.Ikonen, J.Gummert, Y.Honda, J.Pelroth, M.Hayase, R.C.Robbins, C.Barlow, M.E.Billingham, B.Hausen, P.G.Yock, R.E.Morris, Stanford University, Stanford, California. ***THE ANNUAL MEETING OF THE INTERNATIONAL SOCIETY OF HEART AND LUNG TRANSPLANTATION*** – Chicago April 1998.
21. Video enhanced Muscle Sparing Thoracotomy – a new approach for intrathoracic tumour resection – **N.P.Briffa**, K.Boyle, K.Bhattacharya, D.Waller, J.K.Marzouk – Regional Department of Thoracic Surgery, Heartlands Hospital, Birmingham. – ***12TH ANNUAL MEETING THE EUROPEAN ASSOCIATION OF CARDIOTHORACIC SURGEONS*** – Brussels 1998.
22. Antibodies are *not* required for chronic rejection of vascularised xenografts – N.P.Briffa, R.Shorthouse, J.Chan, T.Brazelton, R.E.Morris. ***THE ANNUAL MEETING OF THE INTERNATIONAL SOCIETY OF HEART AND LUNG TRANSPLANTATION*** – San Francisco, April 1999
23. Use of Cerebral Oximetry to Facilitate Adult Aortic Arch surgery at Moderate Hypothermia K. Salhiyyah, S. Singh, N. Briffa. *Cardiothoracic Surgery, Sheffield Teaching Hospitals NHS Trust, Sheffield, United Kingdom, **NEW YORK AORTIC SYMPOSIUM – 2008***
24. Surgical Morbidity And Mortality Meetings – A UK Wide Survey Of Practice And Attitudes In Five Surgical Specialties. ***ANNUAL MEETING ASSOCIATION OF SURGEONS OF GB AND IRELAND . LIVERPOOL APRIL 2010***
25. Does Prosthetic Size Matter In Patients Undergoing Isolated Aortic Valve Replacement (AVR)? I. Radotra, N.P. **Briffa**; Sheffield/***UK ANNUAL MEETING OF THE SOCIETY OF CARDIOTHORACIC SURGERY OF GREAT BRITAIN AND IRELAND. BRIGHTON, MARCH 2013***
26. Evaluation of the Effect of Treatment of Patients undergoing heart valve Surgery using PROMS (patient reported Outcomes measures.) – C.Holmes, N.Briffa ***ANNUAL MEETING OF THE SOCIETY OF CARDIOTHORACIC SURGERY OF GREAT BRITAIN AND IRELAND. EDINBURGH, MARCH 2014***

RESEARCH INTERESTS/EXPERIENCE

Off Pump And Lesser Invasive Coronary Artery Surgery. – CRISP study.

Single Lung Transplantation. See publications/presentations

(Xeno)Transplantation - The thesis, based on work carried out at Stanford university in California, for which I was awarded an MD by the University of Sheffield was entitled 'Xenograft Vasculopathy'

Using a grant of \$350,000 from Wyeth Ayerst pharmaceuticals, I developed a non human primate model of chronic rejection using aortic transplantation and subsequent examination of the grafts by IVUS (intravascular ultrasound) examination.

I was a member of the local ethics committee in Warwickshire between 2001 and 2005.

CURRENT POSITIONS

Deputy Lead for R&D in the Cardiothoracic Directorate.

Member of the Local Specialty (Cardiovascular) group of South Yorkshire Comprehensive Local research Network

Local principal investigator in Sheffield for the ART (A randomised trial to compare survival following bilateral versus single internal mammary (IMA) grafting in coronary revascularisation study.

Local principal investigator in Sheffield for the CRISP trial (An international multicentre randomised trial to compare on pump and off pump coronary surgery in high risk patients) .

Local principal investigator in Sheffield for the ERRICA trial (An international multicentre randomised trial to examine the effects of remote ischaemic preconditioning in high risk patients undergoing CABG with or without valve surgery.)

Supervisor of medical students who are undertaking BMedSci degrees in cardiac surgical related topics.

Peer reviewer of submissions to the NIHR Health Technology Assessment programme

Peer reviewer for Annals of Thoracic Surgery, European journal of cardiothoracic Surgery, Journal of Heart and Lung Transplantation and Quality and Safety in Health care.

Specialty Advisor for Cardiothoracic Bulletin of the Royal College of Surgeons of England.

Editorial Advisor for BMC Cardiovascular Disorders.

Editorial Board Member – Multimedia Manual of Cardiothoracic Surgery

TEACHING

Assigned educational supervisor to FY 2 doctors in cardiothoracic surgery
Mentor to Advanced nurse practitioners doing degrees in clinical assessment and nurse prescribing
I sit on the national MCQ panel for the Intercollegiate examination for Cardiothoracic Surgery.

MANAGERIAL

I act as college assessor for the Royal College of surgeons of England in appointments committees for consultant cardiothoracic surgeons.

I represent the Yorkshire and the Humber regions on the NHS England CRG (Clinical Reference Group) for Cardiac Surgery

I am National Treasurer for the British Heart Valve Society.

SCHOLARSHIPS/GRANTS

1. Ethicon Foundation Fund of The Royal College of Surgeons Of England. 1994
2. St. Jude Travel Scholarship of The Society Of Cardiothoracic Surgeons of Great Britain And Ireland 1995
3. Sandoz Study Grant 1995 of The European Society For Organ Transplantation.
4. Ionescu Travelling Scholarship of the Society of Cardiothoracic Surgery of Great Britain and Ireland. 2010

INTERESTS

sailing, skiing and cycling

SOCIETIES

European Association of Cardiothoracic Surgeons
Society of Cardiothoracic Surgery of Great Britain and Ireland
the British Cardiovascular Society
British Medical Association.
Society of Thoracic Surgeons of North America (STS)

