

CURRICULUM VITAE



Linda Mary de Cossart CBE ChM FRCS

**Director of Medical Education
Honorary Consultant Surgeon
The Countess of Chester Hospital NHS Foundation Trust**

**Honorary Lecturer University of Liverpool
Vice President Liverpool Medical Institution**

August 2010

My Credo

**I believe that we influence doctors and the extended clinical team
by who we are,
how we respond to our responsibilities as clinical practitioners
and the efforts we make as clinical teachers.**

**I believe that the education of doctors and the clinical team should foster
the exploration of practice and enrichment of understanding.**

**I believe that the Director of Medical Education of a Trust should
encourage well supported but open ended development that allows the
best clinicians to fly, the more steady to grow proportionately and the
more needy to review, recover and remediate their difficulties and in all
cases should ensure that appropriate records are kept.**

(see Fish and de Cossart 2007 p 2)

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Linda de Cossart

9, Greenfields Lodge
Great Barrow
Chester
CH3 7JB

Address for correspondence:
The Lodge
Cranham Corner
Cranham
Gloucestershire
GL4 8HB

Tel: 00447778 215801
decossart@btinternet.com

Personal Details

Nationality: British
Date of birth: 9th November 1947
Place of birth: Swansea, South Wales
GMC number: 1553035
MDDU number: M153692

Current Position

Director of Medical Education Honorary Consultant Surgeon

Countess of Chester Hospital NHS Foundation Trust January 2010.....
Director ED4MEDPRAC Ltd 2006.....
Module Editor eLearning for Health 2009.....

Undergraduate Education

University of Liverpool School of Medicine 1967 - 1972

Previous Professional Practice 1972-1988

1972-1973 PRHO in Medicine and Surgery Liverpool Royal Infirmary
1973-1974 Demonstrator in Anatomy University of Liverpool
June to August 1974 Visiting Fellow,
Department of Anatomy at the University of Texas July/August (Houston)
1974-1975 SHO in A&E Royal Southern Hospital Liverpool
1975-1977 Pre-fellowship Registrar Rotation Mersey, (General, Vascular and
Cardiothoracic) FRCS Passed

| | |
|-------------|--|
| 1977-1979 | Vascular Research Registrar to Mrs AO Mansfield, Liverpool |
| 1979-1983 | Vascular and General Registrar Hope Hospital Manchester Regional Vascular Research Registrar Hope Hospital Manchester, ChM from the University of Liverpool 1983 |
| 1983/1984 | Locum Registrar Vascular/General, Huddersfield and Manchester Collaborative Research with Department of Bioengineering at Liverpool and Ethicon research and centres in the USA investigating a small bore arterial prosthesis of BIOMER. |
| 1984 - 1988 | Senior Registrar Mersey Region, General and Vascular <u>Surgical Specialist Accreditation</u> |
| 1993- 2006 | Associate Postgraduate Dean, Mersey Deanery |
| 1994 – 2006 | Programme Director, General Surgery, Mersey Deanery |
| 1988 – 2009 | Consultant Vascular and General Surgeon, Countess of Chester Hospital |

Honours, Qualifications, Awards,

Commander of the British Empire (CBE) for services to Medicine
Queens birthday honours, June 2010

| | | |
|--------|------|--------------------------------------|
| MB ChB | 1972 | University of Liverpool |
| FRCS | 1977 | Royal College of Surgeons of England |
| ChM | 1983 | University of Liverpool |

Manchester Medical Society Research Prize 1982

Certificate in Senior Executive Business Management, Manchester Business School (1993)

Master of Surgery Thesis

Faculty of Medicine, University of Liverpool, Awarded 1983
TITLE: Tissue Plasminogen Activator and Vascular Disease.

I developed a new quantitative technique for measuring the Tissue Plasminogen Activator (TPA) content of veins. This technique allowed the comparison of TPA levels of veins from various sites of the body and my method was used by the Department of Surgery at St Thomas' hospital to explore TPA in other tissues and for vein research in many centres worldwide. A key finding was a very low TPA in varicose veins. This is a likely predisposing factor to the development of superficial thrombophlebitis (STP) in these veins. Recent audit of STP at Chester shows the high incidence (1 in 4) of thromboembolic complications in patients suffering from STP. I was awarded the Manchester Medical Society's Research Prize for this work.

Membership of Societies

Royal College of Surgeons of England
Vascular Society of Great Britain and Ireland (former society secretary)
Association of Surgeons of Great Britain and Ireland
British Medical Association
European Society of Vascular Surgery
Surgical Research Society now (SARS)
Royal Society of Medicine (Venous Forum)
Liverpool and North West Society of Surgeons (Past President)
Chester and North Wales Medical Society
Peripheral Vascular Club
Needles Club
Travelling Surgical Society
Lister Club
Athenaeum Club

Administrative Responsibilities Nationally and Regionally

Current and Past Royal College of Surgeons responsibilities

| | |
|-----------|---|
| 2008-09 | Vice-president RCSE |
| 1999-2009 | Council Member Royal College of Surgeons of England |
| 1999-2001 | Chair: Health and safety Committee |
| 1999- 02 | Member: Training Board |
| 2002-2004 | Chair Curriculum Working Party Basic Surgical Training Member Education Board Member Hospital Recognition Member Accommodation and Facilities Committee |
| 2005-2008 | RCSE representative on Perioperative Care Collaborative |
| 2001-2006 | RCSE representative on Intercollegiate EXAMS board |
| 2006-07 | Council Lead for Training and Regional Policy Member of the Library Committee Member of General Purposes Committee Member of the Professional standards Division |
| 2007-09 | Standards and Assessment Committee for revalidation RCSE lead for Revalidation |

Other position current and past

| | |
|--------------|--|
| 1987-88 | President of the Association of Surgeons in Training |
| 1993-2005 | Programme Director for General Surgery, Mersey Deanery |
| 1994-1998 | Secretary Vascular Society of Great Britain and Ireland |
| 1993-1998 | VSSGBI Council Member Working party on Modular Vascular Training Member of Audit committee 1998—1992 |
| 1992-ongoing | Assistant Editor of the Annals of the Royal College of Surgeons |
| 1992-1997 | RCSE Member Specialist Advisory Committee (SAC) for General Surgery - Working Party on Higher Surgical Training - Wessex Liaison Representative - SAC Liaison member for Scotland |
| 1994---1996 | Chairman of the Mersey Regional Subspecialty committee in General Surgery |
| 1989-1994 | Instigator and Secretary of the Mersey Vascular Group |

| | |
|-----------|---|
| 1989-1994 | RCS of England College Tutor at Chester Member of the Postgraduate Advisory Panel in General Surgery |
| 1996-2006 | Examiner for the Intercollegiate (exit exam) in General Surgery |
| 2002-2004 | President of the Royal Society of Medicine: Venous Forum |
| 2003-2005 | Deputy Chair (and founder member) of the North West Vascular Governance Committee |
| 2008-2009 | Hon President Surgical Scousers |
| 2008-2009 | Vice President of the Royal College of Surgeons of England |

Countess of Chester Hospital NHS Trust

| | |
|--------------|---|
| 1988-2002 | Member: Research and development committee |
| 2002-2005 | Critical Care committee |
| 2004- 2007 | Trustee: West Cheshire Postgraduate education and Training Centre (Charity) |
| 2007 ongoing | Chairman of Trustee: West Cheshire Postgraduate Education and Research Foundation (Charity) |

As a Senior Registrar

| | |
|-----------|--|
| 1985 | BMA Representative on Regional Manpower and Education Committees |
| 1984-1986 | Chairman of the Chester Nutrition Committee Representative on the Medical Board at Chester Leave Co-coordinator Member of Surgical Division |

A Service Review on behalf of The Royal College of Surgeons of England and the Association of Surgeons of Great Britain and Ireland

| | |
|-------------|--|
| AUGUST 2005 | Principle investigator and author of a report for the College and ASGBI on the clinical services offered by Sperrin Lakeland Health and Social Care Trust in Northern Ireland. |
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Grants obtained

Ursula Keyes Charity

| | | |
|------|---------|--|
| 2006 | £24,000 | Multidisciplinary Operative Competence Faculty Development Project |
| 2003 | £20,000 | Educational multidisciplinary team working in theatre project |
| 1996 | £20,000 | Chester Car Boot Sale Charity for refurbishment of High Dependence Nursing Station |
| 1996 | £50,000 | Prospective Study of Venous Function in Pregnancy as Measured by Duplex Scanning Joint project between Vascular and Obstetrics, Lead for this project. |

| | | |
|--------------|---------|---|
| 1997 | £24,000 | for setting up the Vascular Surgery Clinical Database which is now the department database for national submission of clinical outcomes for index peripheral vascular operations. |
| 1999 | £120,00 | For instigation of endovascular aortic stent programme at the Countess of Chester Hospital |
| 1996 to 1998 | | Nuffield Research Funding for research registrars in vascular surgery and critical care for two years. |

National and International Professional Contributions

Key invited lectures

Forth coming

| | | |
|------|------|--|
| 2010 | Sept | Invited lecturer: North Western Deanery AGM |
| 2010 | Oct | Invited lecturer: Birkenhead Medical Society |
| 2010 | Nov | Invited lecturer: Medical Women's Federation Annual Meeting. |

Already given

| | | |
|------|---------|---|
| 2010 | May | Overseas invited lecturer to the Education section of the Royal Australasian College of Surgeons annual meeting in Perth, Western Australia. <i>My contribution will be to give lectures and workshops on enrichment of the surgical curriculum in particular the doctor in difficulty</i> |
| 2010 | April | Royal Society of Medicine: The Jephcott symposium: Enhancing your teaching and learning in postgraduate medicine. Joint convener Lecture: Exploring and developing clinical thinking and professional judgement. |
| 2010 | March | John Lowrie memorial lecture. Blton What makes a good doctor? <i>Nature and Nurture</i> |
| 2009 | Nov | The Annual Whitney Lecture. Poole Medical Society, 2009 "Developing Wise Doctors: The Challenge for the Medical Profession in the 21st Century". |
| 2009 | October | PMETB keynote lecturer Developing the wise doctor: an educational endeavour |
| 2009 | Sept | Balliol College Oxford Colloquium. An example of surgical faculty development Invited Lecture Workshops on an enrichment curriculum for surgeons with Professor Della Fish. |

I am also committed to giving lectures to a variety of Specialist Societies on matters related to Revalidation of Surgeons

- 2009 May RCSE invited lecturer at RACS speaking on *Doctors in Difficulty; EWTD; Outreach services; and*
- 2009 February Hunterian Orator Royal College of Surgeons of England *The Anatomy of professional practice: The Invisibles.*
- 2008 Sept Key note speaker at a Balliol College Oxford Colloquium on 'Dealing with the EWTD'
- 2008 April Key note speaker at the American Society for Surgical Education in Toronto: *Safer patient care: attending to the invisible elements of clinical practice.*
- 2005 April RCSE Moynihan Lecture at the Association of Surgeons of Great Britain and Ireland *A question of professionalism: Leading forward the surgical team (published in 2006)*

Publications in peer review journals (including abstracts)

Ainsworth PD, **de Cossart, L** Abdominal wall infected ischemic necrosis mimicking necrotizing fasciitis. *Ann Vasc Surg.* 2010 May;24(4):553.e7-8

Youngson GG, Knight P, Hamilton L, Taylor I, Tanner A, Steers J, Steel C, **de Cossart L**. The UK proposals for revalidation of physicians: Implications for the recertification of surgeons. *Arch Surg.* 2010 Jan;145(1):92-5.

de Cossart, L, Fish, D. Clinical reflective writing: its role in reflection for doctors. <http://www.library.nhs.uk/theatres/page.aspx?pagename=ED14>

General anaesthesia versus local anaesthesia for carotid surgery (GALA): a multicentre, randomised controlled trial. GALA Trial Collaborative Group, Lewis SC, Warlow CP, Bodenham AR, Colam B, Rothwell PM, Torgerson D, Dellagrammaticas D, Horrocks M, Liapis C, Banning AP, Gough M, Gough MJ. *Lancet.* 2008 Dec 20;372(9656):2132-42. (**trial contributor**)

Roberts AJ, Roberts EB, Sykes K, **de Cossart L**, Edwards P, Cotterrell D. Physiological and functional impact of an unsupervised but supported exercise programme for claudicants. *Eur J Vasc Endovasc Surg.* 2008 Sep;36(3):319-24.

Smith RA, Rosser S, **de Cossart LM**. The diagnostic value of light reflection rheology for suspected deep vein thrombosis: a five-and-a-half year single centre experience. *Phlebology.* 2007;22(3):105-9.

Fish D, **de Cossart L** Thinking outside the (tick) box: rescuing professionalism and professional judgement. *Med Educ.* 2006 May;40(5):403-4.

de Cossart L. A question of professionalism: leading forward the surgical team. *Annals of the Royal College of Surgeons of England.* 87(4):238-41, 2005

Torella F. Khattak I. Edwards PR. **de Cossart L**. Cross-sectional survey of beta-blockers use in primary and secondary care for patients with arterial disease. *International Journal of Clinical Practice.* 58(12):1159-61, 2004

de Cossart L. Fish D. A first curriculum framework for surgical SHOs designed by the Royal College of Surgeons of England. *Annals of the Royal College of Surgeons of England.* 86(4):309-15, 2004

Ghosh S. Torella F. **de Cossart L**. The surgical high dependency unit: an educational resource for surgical trainees. *Annals of the Royal College of Surgeons of England.* 86(1):44-6, 2004

- Torella F. **de Cossart L.** Dimitri S K. Edwards PR. Routine beta-blockade in vascular surgery. *Cardiovascular Surgery*. 11(6):459-63, 2003
- Mitchell GR, Rosser S, Edwards PR, Dimitri SK & **de Cossart L.** Duplex venous mapping in venous disease. *Phlebology*. 2003; 18: 44
- Mitchell GR, Rosser S, Edwards PR, **de Cossart L** & Dimitri SK. Recurrence is common after short saphenous vein surgery. *Phlebology*. 2003; 18: 46
- Mitchell GR, Rosser S, Edwards PR, Dimitri SK & **de Cossart L.** Vascularisation of the haematoma tract following long saphenous vein stripping: a new cause of recurrent varicose veins. *Phlebology*. 2003; 18: 48
- Mitchell GR, Rosser S, Dimitri SK, Edwards PR & **de Cossart.** Venous symptoms, duplex refill time and ambulatory venous pressures: Is there a relationship? *Aust. NZ J. Surg.* 2002; 72: Suppl. A121
- Dimitri S, Mitchell G, Edwards PR, & **de Cossart L.** Perioperative Risk factors and Complications after Elective Abdominal Aortic Aneurysm Repair. *Cardiovascular Surgery* 2001; 9: Suppl.2 36
- Dimitri S, Mitchell G, Edwards PR, & **de Cossart L.** Perioperative Risk factors and Complications after Elective Abdominal Aortic Aneurysm Repair, seven year experience in a DGH. *Br J Surg* 2001; 88: Suppl.1 44
- Dimitri S, Mitchell G, Roberts A, Cotterrell D, Sykes K, **de Cossart L** & Edwards PR. The Inflammatory Response to Exercise in Claudicants. *Br. J. Surg.* 2001; 88: Suppl.1 17
- Mitchell G, Dimitri S, Edwards PR & **de Cossart L.** A decade of change in venous surgery. *Phlebology* 2000; 15: 89
- Brown J. **de Cossart L.** Wiltshire C. Exploring the views of basic surgical trainees (senior house officers) on a basic surgical training scheme. *Medical Teacher*. 24(5):559-61, 2002 .
- de Cossart L.** Varicose veins and pregnancy. *British Journal of Surgery*. 88(3):323-4, 2001
- Tan KH. Cotterrell D. Sykes K. Sissons GR. **de Cossart L.** Exercise training for claudicants: changes in blood flow, cardiorespiratory status, metabolic functions, blood rheology and lipid profile. Edwards PR..*European Journal of Vascular & Endovascular Surgery*. 20(1):72-8, 2000
- de Cossart L.** Wiltshire C. Bache J. Standardisation of the selection process for applicants for senior house officer posts for basic surgical training rotations. *Annals of the Royal College of Surgeons of England*. 82(3 Suppl):95-8, 2000
- Tan K H. **de Cossart L.** Edwards PR. Exercise training and peripheral vascular disease. *British Journal of Surgery*. 87(5):553-62, 2000
- K.H. Tan, D. Cotterrell, A. Roberts , K. Sykes, **L. de Cossart** and P.R. Edwards. Exercise training improves exercise tolerance in patients with peripheral vascular disease *The Journal of Physiology*; 523P: 98P, 2000
- KH Tan, D Cotterrell, A Roberts, K Sykes*, **L de Cossart** and PR Edwards How exercise training improves walking distance in claudicants. *British Journal of Surgery*; 87 (Supp 1): 21, 2000
- Sparey C. Sissons G. Haddad N. Rosser S. **de Cossart L.** Serial colour flow duplex scanning of the veins of the lower limb throughout pregnancy. *British Journal of Obstetrics & Gynaecology*. 106(6):557-62, 1999

Sudhindran S. Edwards PR. **de Cossart LM**. Mortality after elective abdominal aortic aneurysm repair: not where ... but how many and by whom. *Annals of the Royal College of Surgeons of England*. 81(2):141-2, 1999

Jones HJ. **de Cossart L**. Risk scoring in surgical patients. *British Journal of Surgery*. 86(2):149-57, 1999.

de Cossart L. Kirk RM. Surgical training for overseas doctors: an historical review and proposals for the future. *Annals of the Royal College of Surgeons of England*. 81(4 Suppl):180-1, 1999

Tan KH. **de Cossart LM**. Edwards PR. The Stresst'er ergometer. *European Journal of Vascular & Endovascular Surgery*. 18(6):538-9, 1999 (Letter)

Jones HJ. Coggins R. Lafuente J. **de Cossart L**. Value of a surgical high-dependency unit. *British Journal of Surgery*. 86(12):1578-82, 1999

Sparey C. Haddad N. Sissons G. Rosser S. **de Cossart L**. The effect of pregnancy on the lower-limb venous system of women with varicose veins. *European Journal of Vascular & Endovascular Surgery*. 18(4):294-9, 1999

Jones HJ, Coggins R, Lafuente J, **de Cossart L**. Value of a surgical high-dependency unit. *British Journal of Surgery*. 86(12):1578-82, 1999

Sparey C, Sissons G, Haddad N, Rosser S, **de Cossart L**. Serial colour flow duplex scanning of the veins of the lower limb throughout pregnancy. *British Journal of Obstetrics & Gynaecology*. 106(6):557-62, 1999

Sudhindran S, Rosser S, Pilbrow WJ, Sissons GRJ, **de Cossart LM**. The impact of Duplex Scanning for the diagnosis of deep vein thrombosis on workload in a district general hospital. *Phlebology*(1999) 14: 143-145

Use of a general surgical high dependency unit in a district general hospital: the first 10 years. Coggins R, Parkin CH, **de Cossart L**. *Journal of the Royal College of Surgeons of Edinburgh*. 43(6):381-4, 1998.

McCollum PT, da Silva A, Ridler BD, **de Cossart L**. Carotid endarterectomy in the U.K. and Ireland: audit of 30-day outcome. The Audit Committee for the Vascular Surgical Society. *European Journal of Vascular & Endovascular Surgery*. 14(5):386-91, 1997.

Cameron AE. Porter A. Rosser S. Da Silva AE. **de Cossart LM**. The Stresst'er ergometer as an alternative to treadmill testing in patients with claudication. *European Journal of Vascular & Endovascular Surgery*. 14(6):433-8, 1997.

Wolfe J. Wood R. **de Cossart L**. Inextricably linked: training and service in peripheral vascular surgery. *Annals of the Royal College of Surgeons of England*. 79(5):321-2, 1997.

L de Cossart. HDU: who cares? *Editorial Surgery* October 1997

Coggins R. **de Cossart L**. Improving postoperative care: the role of the surgeon in the high dependency unit.[see comment] *Annals of the Royal College of Surgeons of England*. 78(3 (Pt 1)):163-7, 1996.

da Silva AF, McCollum PT, **de Cossart L** A prospective study of carotid endarterectomy and contralateral occlusion: is it high risk surgery? *Br J Surg* 83: 1370-1372, 1996

McCollum PT, da Silva A, **de Cossart LM**. Carotid endarterectomy and contralateral occlusion: is it high risk surgery? *Br J Surg* 83 (suppl): 16, 1996, Abstract.

Coggins R, **de Cossart LM**. Improving postoperative care: the role of the surgeons in the high dependency unit. (Review) *Annals of RCS Engl* 78(3(pt 1)):163-7, 1996.

McCollum PT, da Silva A, **de Cossart LM**. Carotid endarterectomy in the elderly patient. *Ir J Med Sci* 164(suppl): 10-11, 1995 Abstract

Jones,DR, Copeland, GP, **de Cossart LM**. Comparison of POSSUM with APACHE II for prediction outcome from a surgical high dependency unit.. *Br J Surg*79; 12: 1293-1296, 1992

Jones DR Copeland, GP **de Cossart L**, Shields R. Predictive ability of POSSUM to audit outcome in a high dependency unit. Abstract *Br J Surg* 78: 1492, 1991

Jones DR. Copeland GP. **de Cossart L**. Comparison of POSSUM with APACHE II for prediction of outcome from a surgical high-dependency unit.. *British Journal of Surgery*. 79(12):1293-6, 1992 Dec.

de Cossart L. Kiff RS. Varicose veins. *BMJ*. 300(6734):1273, 1990 May 12.

R Kiff **L de Cossart** .Management of varicose veins (letter) *BMJ* 300: 1273, 1990

Moody P. **de Cossart LM**. Douglas HM. Harris PL. Asymptomatic strictures in femoro-popliteal vein grafts. *European Journal of Vascular Surgery*. 3(5):389-92, 1989 Oct.

de Cossart L. How TV. Annis D. A two year study of the performance of a small diameter polyurethane (Biomer) arterial prosthesis. *Journal of Cardiovascular Surgery*. 30(3):388-94, 1989 May-Jun.

Douglas HM. **de Cossart L**. Vascular compression in thoracic outlet syndrome. *Journal of the Royal Society of Medicine*. 82(1):61, 1989 Jan.

Moody P **de Cossart L** Douglas H Harris PL. Asymptomatic strictures in femero-popliteal vein bypass grafts. *Euro J Vasc Surg* 3: 389-392, 1989

Vascular compression in thoracic outlet compression syndrome (letter)
H Douglas **L de Cossart**. *J Roy Soc Med* 82; 1: 61, 1989

de Cossart L Annis D A two year study of the patency of a new 3.8mm polyurethane arterial prosthesis. *J Cardsurg* 30; 3: 388-394, 1989

de Cossart L Douglas H Moody P Harris PL. The incidence of strictures in reversed and in-situ femero-popliteal vein bypass grafts. *J Cardiovasc Surg (Supplement)* 29; 4: 67-68, 1988

CJ Tulloch **L de Cossart**. A vascular complication resulting from treatment of a pertrochanteric fracture with a dynamic hip screw.

de Cossart L. Spontaneous rupture of the liver; an unexpected cause of death after aortic aneurysm surgery. *Journal of Cardiovascular Surgery*. 29(4):483-5, 1988 Jul-Aug.

de Cossart L. Quantitative determination of tissue-type plasminogen activator in varicose soleus veins]. [French] *Phlebologie*. 40(4):1021-8, 1987 Oct-Dec.

de Cossart Linda. Plasminogen activator in soleal veins. *Phlebology* 1; 2: 119-123, 1986

de Cossart L Annis D An assessment of a rigidly controlled technique for the implantation in dogs of a new microfibrinous 3.8mm ID polyurethane arterial prosthesis. Proceedings of the second annual scientific session of the academy of surgical research ed: Dennis L Powers, University of Clemson Press, November 1986

Barr H. Youngs E. Wilkins E. **de Cossart L.** Green H. Downie R. Who should have endocarditis prophylaxis for upper gastrointestinal procedures. *Gastrointestinal Endoscopy.* 32(4):302-3, 1986 Aug.

Fisher AC How TV **de Cossart L** Annis D. The longer term patency of a compliant small diameter arterial prosthesis. *Transactions of am soc of artificial organs* 31: 324-328, 1985

de Cossart L. Quantitative measurement of plasminogen activator in soleal veins. Proceedings of the first united kingdom meeting of the Union de Phlebology ed: Negus and Jantet 379-381, September 1985

Fisher AC **de Cossart L** How TV Annis D. Long term in vivo performance of an electrostatically spun small bore arterial prosthesis: the contribution of compliance and antiplatelet therapy. *Life support syst* 3 suppl; 462-465, 1985

Fisher AC. How TV. **de Cossart L.** Annis D . The longer term patency of a compliant small diameter arterial prosthesis: the effect of the withdrawing of aspirin and dipyridamole therapy: the effect of reduced compliance. *Transactions - American Society for Artificial Internal Organs.* 31:324-8, 1985.

de Cossart L Amputations (letter) *Annals Rcs Engl* 66; 2: 146, 1984

Fisher AC, **de Cossart L** How TV Annis D. A small bore compliant BIOMER arterial prosthesis. Proceedings of the European Society for Artificial Organs. XI Congress, Australia, September, 1984

de Cossart Linda, Marcuson RW. Vascular plasminogen activator and deep vein thrombosis. *Br J Surg* 70; 369-370, 1983

Linda de Cossart Tissue plasminogen activator and vascular disease.. ChM Thesis University Of Liverpool 1983

de Cossart L. Randall P. Turner P. Marcuson RW. The fate of the below knee amputee. *Annals of the Royal College of Surgeons of England.* 65(4):230-2, 1983 Jul.

de Cossart L. Marcuson RW. Vascular plasminogen activator and deep vein thrombosis. *British Journal of Surgery.* 70(6):369-70, 1983 Jun.

de Cossart L , Marcuson RW . The effect of temperature and storage on vein wall fibrinolytic activity *Br J Surg* 69; 5: 284, 1982

de Cossart L, Marple M, Cloherty G, Marcuson RW. The bicycle ergometer in assessment of arterial patients. *Br J Surg* 69; 5: 543-544, 1982

de Cossart Linda, Marcuson RW .A simple quantitative assay for tissue plasminogen activator. *J Clin Path* 35; 9: 980-983, 1982

de Cossart L. Marcuson RW. A simple quantitative assay of tissue plasminogen activator. *Journal of Clinical Pathology.* 35(9):980-3, 1982.

de Cossart L. Marples M. Cloherty G. Marcuson RW. The monark bicycle ergometer in screening arterial patients. *BJS* 69(9):543-4, 1982 Sept.

Chapters in books

Indications for coeliac and mesenteric artery reconstruction. **Linda de Cossart** and Peter Harris. *Proceedings of the first European vascular society* ed: RM Greenhalgh; Sanders press London 355-362, 1988

Patient assessment and surgical risk. **de Cossart L** *Core Topics in General Surgery*, 3rd edition 2005; Elsevier; ed Simon Paterson Brown.

Primary Varicose Veins: minimising complications, complaint and litigation. **de Cossart L** *Venous Disease Simplified*. (2006 T/M press; eds Davies, Less and Lane).

Surgical care practitioners: new members of the surgical team. **Linda de Cossart**, the fourth edition of Powers and Harris: *Clinical Negligence* 2007.

Fish D and **de Cossart L**. *Cultivating thinking surgeons: using a clinical thinking pathway* *Clinical Reasoning in the Health Profession* (3rd edition) 2008, Eds Higgs, Jones, Loftus and Christensen.

Books

1. *Developing the Wise Doctor*. Fish D and **de Cossart L**. London: RSM Press 2007.

This book builds on the 2005 publication and describes how doctors may use the Invisibles to develop their practice.

2. *Cultivating a thinking surgeon*. **de Cossart L** and Fish D. Shrewsbury: tfm Publishing Ltd; 2005.

This book is the first of its kind (Reviewers comment in ANZ Journal of Surgery) and fills a glaring gap in postgraduate medical education. It brings together the professions of teaching and surgery and provides a framework (with examples) of ways of improving the understanding of postgraduate doctors. Three reviewers (British Journal of Surgery, ANZ Journal of Surgery and the Annals of the Royal College of Surgeons) have recommended it as essential reading for those in postgraduate education.

Presentations and Posters (collaborative and personal) to Learned Societies

Developing in clinical practice a rigorous process for summative assessment of operative competence. **L de Cossart**, Della Fish. SARS AGM Birmingham, January 2008

Surgical Education and Training: your call. **Linda de Cossart**, Association of Surgeons in Training AGM Edinburgh 2007

A National Curriculum Framework for the Surgical Care Practitioner. **Linda de Cossart**.
- New Ways of Working in Surgery, London Sept 2004
- NAASP AGM 2005

The Inflammatory Response to Exercise in Claudicants. Dimitri S, Mitchell G, Roberts A, Cotterrell D, Sykes K, **de Cossart L** & Edwards PR. Surgical Research Society. Birmingham, April 2001

Perioperative Risk Factors and Complications after Elective Abdominal Aortic Aneurysm Repair, seven year experience in a DGH. Dimitri S, Mitchell G, Edwards PR & **de Cossart L**. Association of Surgeons Great Britain & Ireland, Birmingham, April 2001

Duplex Scanning in Venous Disease; Why & How? Mitchell GR, Rosser S, Edwards PR, Dimitri S, **de Cossart L**.

Association of Surgeons in Training AGM. (Prize winner) Feb 2000

Venous symptoms, duplex refill time and ambulatory venous pressures; is there a relationship? Mitchell GR, Rosser S, Edwards PR, Dimitri S, **de Cossart L**. Annual scientific congress: Royal Australasian College of Surgeons, Adelaide, May 2002 “”

Duplex venous mapping in venous disease: Exposing the hidden truth. Mitchell GR, Rosser S, Edwards PR, Dimitri S, **de Cossart L**, Sykes K & Lamb K. Roger Croton meeting, Warrington June 2002 .

Recurrence following short saphenous vein surgery Mitchell G, Rosser S, Edwards PR, **de Cossart L** & Dimitri S. North West Surgeons meeting, Liverpool, Oct 2002

Vascularisation of the haematoma tract following long saphenous vein stripping: A new cause of recurrent varicose veins. Mitchell G, Rosser S, Edwards PR, Dimitri S & **de Cossart L** RSM Venous Forum, Newcastle upon Tyne. Mar 2003

Recurrence is common after short saphenous vein surgery. Mitchell G, Rosser S, Edwards PR, **de Cossart L** & Dimitri S. RSM Venous Forum, Newcastle upon Tyne. Mar 2003

Duplex venous mapping in venous disease. Mitchell G, Rosser S, Edwards PR, Dimitri S & **de Cossart L**. RSM Venous Forum, Newcastle upon Tyne. Mar 2003

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A College Curriculum for Basic Surgical Training. **Linda de Cossart**

- Presentation to the Education Committee of the General Medical Council 2000
- COPMED committee 2001
- Surgical Meeting Stockton on Tees 2001

Surgical Training Opportunities in HDU and ICU. **Linda de Cossart** Association of Surgeons AGM 2000.

Risk factors & Complications after elective AAA Surgery. Dimitri S, Mitchell G, Edwards PR & **de Cossart L**. The Roger Croton Memorial Meeting, Warrington July 2000

The role of IL6 in Peripheral Vascular Disease. Dimitri S, Mitchell G, Edwards PR & **de Cossart L**. Mersey Regional Vascular Group/M62 Vascular Group. Warrington Oct 200

A Decade of Change in Varicose Vein Surgery. Mitchell G, Dimitri S, Edwards PR & **de Cossart L**. Venous Forum, The Royal Society of Medicine, Chester, Oct 2000.

Challenging the traditional view on the causation of varicose veins in pregnancy: a prospective study.
Hughes M L, Sparey C, Sissons G, Rosser R S, Haddad N G, **de Cossart L M**
BMUS 29th Scientific Meeting December 1997

Carotid Endarterectomy and Contralateral internal carotid artery occlusion: is it 'high risk' surgery?
McCollum P T, da Silva A, **de Cossart L.** for the VSS Audit committee
Irish Surgical Society 1996

Carotid endarterectomy in the Vascular Surgical Society of Great Britain and Ireland
McCollum P T, da Silva A, **de Cossart L** for the VSS Audit committee
VSS AGM Bournemouth November 1996

The impact of Colour Flow Duplex Scanning for Acute Deep Vein Thrombosis investigation in a
District General Hospital over seven years. **de Cossart LM**, Sissons G, Rosser S, Pilbrow W.
Venous Forum Royal Society of Medicine October 1997

Anti- DVT prophylaxis: do we do it? **de Cossart L M.** West Glamorgan Audit Group
Singleton Hospital Swansea 1997

The Stress'ter: a new device for the assessment of claudication. Cameron A, Rosser S, Porter A, **de Cossart L M.** Association Of Surgeons Of Great Britain and Ireland AGM Bournemouth 1997

Serial colour flow duplex scanning of the veins of the lower limb throughout pregnancy.
Sparey C, Sissons G, Haddad N, Rosser S, **de Cossart LM.** American Venous Forum
San Antonio February 1997

Examination of the venous system of the lower limbs throughout pregnancy
Sparey c, Haddad N, Sissons G, **de Cossart L M.** Vascular Surgical Society Of Great Britain and
Ireland AGM Bournemouth 1996

Audit of the use of Critical Care in a District. General Hospital
R Coggins, **Linda de Cossart** AGM Association of Surgeons of Great Britain
and Ireland London 1996

Audit of the investigation of DVT in a DGH A Newland, B Pilbrow, IM Keeping, **L de Cossart**
Royal College of Surgeons of England, July 1994

Audit of the use of venography for the diagnosis of DVT. **L de Cossart**
Hospital University del Mar, Barcelona, April 1994

Auto-transfusion with salvaged blood in aortic surgery reduces homologous blood use and may reduce
costs. S Sulliman, **L de Cossart** Midland Vascular Society 1993

The case against positive discrimination. **L de Cossart.** Women in Surgical Training (WIST) Inaugural
meeting Royal College of Surgeons of England 1992

Cross district Vascular Cover. **L de Cossart.** Burnley Vascular Meeting
September 1992

Evaluation of the swollen leg. **L de Cossart.** A Seminar for health service staff
Leeds 1992

The diagnosis of DVT with venography . **L de Cossart.** Peripheral Vascular Group
Chester, May 1992

Venous disease - 'The Cinderella disease'. **L de Cossart**. Chester and North Wales Medical Society, Chester 1991

Cross district vascular cover 'A Viable proposition?' **L de Cossart**
Royal College of Surgeons of England meeting Liverpool, 1991

Cross district vascular cover. **L de Cossart**. Peripheral vascular group may 1991

The risky vascular patient. **L de Cossart**. Nurse study day. York DGH, April 1991

One way to organise emergency vascular cover. **L de Cossart**. Needles surgical club, Leeds, 1990

Strictures in femero-popliteal vein grafts. **L de Cossart**, H Douglas, PL Harris
Vascular Society of Great Britain and Ireland Newcastle, November 1987

A meander through Apodomas. **L de Cossart**. Liverpool and North West Society of Surgeons,
Llandudno, July 1987.

Quantitative measurement of plasminogen activator in soleal and varicose veins.
L de Cossart. IV European-American Symposium on venous disease, Bethesda, Washington dc,
March 1987.

A two year study of patency of a new 3.8mm ID polyurethane urea (BIOMER) arterial prosthesis. **L de Cossart**, D Annis. Vascular Society of Great Britain and Ireland, London, November 1986.

An assessment of a rigidly controlled technique for the implantation in dogs of a new microfibrous 3.8mm ID polyurethane arterial prosthesis. **L de Cossart**, D Annis
Second annual scientific session of the Academy of surgical research, University of Clemson, South Carolina, Oct 1986.

Quantitative measurement of plasminogen activator in soleal vein. **L de Cossart**
Union International de Phlebologie, First United Kingdom meeting, London, September 1985.

The longer term patency of a compliant small diameter artificial prosthesis.
AC Fisher, TV How, **L de Cossart**, D Annis. Thirty first Annual meeting of the American Society of artificial organs, Atlanta, Georgia, January 1985

A new compliant small diameter artificial artery. D Annis, **L de Cossart**, AC Fisher, TW How
Tripartite meeting of the Royal College of Surgeons of Ireland September 1984

A small bore BIOMER arterial prosthesis - in vivo performance. A Fisher, **L de Cossart**, TV How, D Annis. European Society of Artificial Organs, Austria, September 1984

In vivo performance of a microporous polyurethane prosthesis of 3.7mm internal diameter. **L de Cossart**, AC Fisher, D Annis. Institute of Basic Sciences, Royal College of Surgeons of England; Symposium on the interactions of foreign materials and the cell, November 1984

Vascular Plasminogen Activator and deep vein thrombosis. **L de Cossart** and Marcuson R. Vascular Society of Great Britain and Ireland, 1982

Tissue Plasminogen Activator and Vascular Disease. Linda de Cossart, Manchester Medical Society. February 1982 (research award prize winner)

The effect of temperature and storage on vein wall fibrinolytic activity. **de Cossart L** and Marcuson R. Surgical Research Society January 1982

A new method of Assay of Tissue Plasminogen Activator. **Linda de Cossart**, Surgical Unit at St Thomas' Hospital London October 1981

Symposia

Management of Carcinoma of Breast Chester 1987

Venous Ulcer Study for doctors and nurses. Chester 1992

Leg ulcer Management workshop. Chester 1994

Basic Surgical Skills workshops for SHOs in surgery twice yearly, three day workshop
RCS of England course Chester Postgraduate Centre Since 1988 and on going

Needles Club Chester 1990

Peripheral vascular club Chester 1992

Travelling Surgical Society Chester 1998

Royal Society of Medicine Venous Forum AGM Chester 2000

Travelling Surgeons Annual Meeting 2004

RSM Venous Forum Chester 2000

Seminars and Courses

1. Making the Most of your Opportunities (MOPS) Course

Linda de Cossart and Professor Della Fish

A five session interactive teaching programme using real clinical cases for doctors in training teaching to develop their clinical thinking, professional judgement and professionalism. This course enriches the MMC and specialty curriculum requirements.

Seven courses between 2004 and 2006.

2. Multidisciplinary Theatre Team Project Countess of Chester Hospital 2004/5

This was a six session programme designed to develop the theatre team to understand more deeply the issues and ways of ensuring rigour and multiple-perspectives for operative competence assessment of trainee surgeons

3. Teaching and assessing clinical reasoning and professional judgement.

Della Fish and **Linda de Cossart**. La Trobe University, Melbourne, Australia, September 2007

Research into educational methods

Systematic evaluation of programmes of teaching is a major form of educational research. This has been a particularly important part of my collaborative work with Professor Della Fish to ensure that the educational resources that we have developed are appropriately critiqued and further developed.

Evaluation of RCSE's first Curriculum for SHOs 2004

I was the lead for the RCSE evaluation of the Curriculum General Professional Practice in Surgery which was a one year evaluation carried out by an educational team from the Universities of Exeter and the Welsh Medical School, Cardiff. It was funded by the KSS and Mersey Deaneries and the Royal College of Surgeons of England. The reports are held by the college and are summarised in four articles in the Annals of the Royal College of Surgeons of England in July and September 2004.

Evaluation of the Countess of Chester's First Assistant Programme 2005 (funded by the Ursula Keyes Charity)

I commissioned an evaluation of the introduction of junior doctors into the First Assistants Programme. The report entitled 'An evaluation of the introduction of junior doctors into two cohorts of the First Assistants Programme'. Professor Della Fish (King's College London) and Brenda Owen Jones (Nurse Tutor) Countess of Chester Hospital in association with PRACTIC/SE APPRECIATION- Educational Development for the Professions (September 2005) is now available. This makes a case for further refinement of the course and its potential in undergraduate teaching.

Evaluation of the Countess of Chester's Theatre Faculty Project (funded by the Ursula Keyes Charity)

Building on the work described above we created a curriculum for the development of the multidisciplinary theatre team to enrich their understanding of operative competence assesement for surgeons thus allowing them to be key people in operative competence assessment in the operating theatre. I was the joint lead for this project with Professor Fish and a report on the evaluation undertaken by Professor Melaney Jasper, Univeristy of Swansea and Dr S Brigley, Univeristy of Cardiff is avaiable.

Evaluation of my teaching

I have undergone a systematic and rigorous evaluation of my teaching abilities for the course on clinical thinking that I ran for SpRs in surgery at the Countess of Chester Trust in 2007. The evaluation was carried out by Professor Della Fish, and the whole process has refocused my teaching methods.

Future intentions

It is my intenetion to continue to work and publish with Professor Fish. I believe that this could significantly support educational endeavours at the Countess of Chester Hospital.

To forge a partnership between the University of Chester and The Countess to create a postgraduate education for doctors to develop their teaching capabilities and to develop this in multidisciplinary clinical practice.

I am also planning about to register for a PhD in education focused on postgraduate medical education.