

Curriculum Vitae

Mr David William Birchley

Consultant Vascular and General Surgeon

Royal Devon and Exeter Hospital

And

Honorary Lecturer in Surgery

University of Exeter Medical School



GMC number 4301949

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Personal Information

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Education and Qualifications

1996 MB BS
Royal London Hospital Medical School

2001 Member of the Royal College of Surgeons of England

2006 Masters Degree in Clinical Research
Peninsula Medical School

2009 FRCS (General) with Vascular sub-specialty interest

Prizes and bursaries

Trainees' Prize, South-West Surgical Society November 2005

£1000 Nycomed bursary: Awarded by the Royal College of Surgeons of England for funding towards attendance at the Definitive Trauma Surgical Skills Course.

Membership of Societies

1. Vascular Society of Great Britain and Ireland
2. Association of Surgeons of Great Britain and Ireland
3. Vascular Access Society
4. European Society of Vascular Surgery
5. Association of Laparoscopic Surgeons
6. British Medical Association

Clinical Service

I provide a comprehensive elective and emergency service in:

- All aspects of vascular surgery
- Complex renal access surgery
- Hernia surgery (open and laparoscopic)

I maintain personal audit records for all cases performed under my care and submit complete data for all index procedures to the National Vascular Registry:

<https://www.vsqip.org.uk/surgeon-outcomes/trust/royal-devon-and-exeter-nhs-foundation-trust/>

All complications are subject to peer-reviewed mortality and morbidity discussion.

Additionally, I am trained in investigative methodology and undertake regular Root Cause Analysis investigations into issues around the delivery of care within my employing Trust.

Education and Training

I have completed both “Training the Trainers” and the “Training and Assessment in Practice” courses, supplemented by regular updates.

I am an educational and clinical supervisor to Foundation, Core and Specialist Registrar trainees, utilizing the e-portfolio and ISCP systems.

Medicolegal Work

I have been involved in medicolegal expert witness work since 2017. I produce Part 35 compliant (where applicable) reports relating to:

- Initial screening
- Breach
- Causality
- Condition and prognosis

I undertook a formal training course in medicolegal work in September 2019:

- Medicolegal essentials (1 day)
- Clinical Negligence (1 day)
- The Advanced Expert (1 day)

My annual workload is in the range 40-50 instructions per year with a 75/25 Claimant / Defendant split.

Masters of Science in Clinical Research

The degree consisted of twelve taught modules through the University of Plymouth and a dissertation.

Taught Modules

PMS601	Critical Thinking
PMS602	Introduction to Management and Leadership
PMS603	Appraising the Evidence
PMS607	Clinical Trials
PMS608	Methods of Epidemiology
PMS610	Introduction to Clinical Governance
PMS611	Introduction to Research Governance
PMS612	Introduction to systematic review
PMS624	Values and ethics in health care practice
PMS628	Survival Skills for Research degrees students
PMS648	Principles and practice of managing individuals in teams
PPHI002	Research and Project design

Dissertation: *The role of inflammatory markers in the management of patients with suspected acute appendicitis.*

My dissertation evaluated the use of inflammatory markers in the management of patients with clinical acute appendicitis. Through a systematic review of the literature, prospective and retrospective audits I attempted to answer a simple and highly relevant clinical question: in the management patients with clinical acute appendicitis, what are the roles of laboratory tests of inflammation (white cell count, neutrophil count and C-reactive protein)? I was examined on my dissertation in 2005 and my conclusions were published in the Annals of the College of Surgeon of England in 2006.

Book Chapters

Birchley D, Western C, Guy A. 2015. Carotid disease: the stents and the evidence-based medicine: What happened to the old surgery? In: Latifi R ed. *Technological Advances in Surgery, Trauma and Critical Care*

Peer-reviewed publications

Birchley D, Pullan R, DeFriend D.
Patient attitudes to the internet and analysis of the potential role of a dedicated colorectal website –a prospective study.
Ann R Coll Surg Engl; 85: 398-401.

Farrell DJ, Birchley DW, Edwards CM.
Histiocytic infiltration in ulcerative colitis, simulating malignancy.
Histopathology; 45 (6): 638-40.

Birchley D.
Patients with clinical acute appendicitis should have pre-operative full blood count and C-reactive protein assays.
Ann R Coll Surg Engl; 88 (1): 27-32.

D Birchley, JR Steel, PA Jones, CS Holgate, RM Watkins.
Dominance and non-dominance of the radial scar/complex sclerosing lesion and associated pathology.
Breast Cancer Research; 8 (Suppl 1): p8.

Birchley D, Carlisle J, Telford R, Thompson J.
Disparity in the risk stratification of major surgery.
Ann R Coll Surg Engl; 90 (6): W1-2.

Birchley D.
Ileal entrapment within a paracaecal hernia mimicking acute appendicitis.
Ann R Coll Surg Engl; 91 (2): W1-3.

Birchley D, Villaquiran D, Akowuah E, Lewis T, Ashley S.
Staged carotid endarterectomy under local anaesthetic in patients requiring cardiac surgery.
Ann R Coll Surg Engl. 2010 Jul; 92(5): 373-8.

Campbell WB, Birchley DW
What is the place of surgery for intermittent claudication?
Eur J Vasc Endovasc Surg 2010 Jun; 39(6): 745-6. Epub 2010 Mar 31.

Invited peer-reviews

Peer reviewer for Annals of College of Surgeons of England.

Presentations to learned societies

- 2001 *Should we create a colorectal website?*
Registrars' prize section of the South West Surgeons meeting,
Gloucester.
- 2002 *Informed consent - principles and practice; a prospective, two-phase study*
South West surgeons meeting, Gloucester.
- 2003 *Herniography in the DGH*
International Hernia Society Meeting, London.
- 2004 *Spinning the DISQ*
Non-Vascular Limb Pain – towards a safe, streamlined diagnosis
South West Vascular Surgeons' meeting, Treliske
- 2005 *Inflammatory markers in the management of patients with clinically suspected acute appendicitis*
South-West surgical society / Royal society of medicine meeting,
Bristol
- Dominance and nondominance of the radial scar/complex sclerosing lesion and associated pathology.*
Symposium Mammographicum, Bournemouth.
- 2008 *Influence of AAA screening on suitability for endovascular repair*
South West Vascular Surgeons meeting, Southampton.
- 2010 *Staged carotid endarterectomy under local anaesthetic in patients requiring cardiac surgery.*
Association of Surgeons of Great Britain and Ireland meeting,
Liverpool.
- 2013 *Towards Day Case Angiography*
South West Vascular Surgical Society, Plymouth
- 2017 *Does an inpatient diabetic podiatrist reduce the rate of revisional minor and major amputation in diabetics following digital amputation?*
South West Vascular Surgical Society, Cheltenham

Audit

I am the Clinical Lead for audit in Vascular Surgery.

I perform or supervise the performance of clinical audits, usually in response to an issue raised through teaching, critical incidents or departmental meetings. Recent audits include:

1. The appropriate usage of TED stockings in medical and surgical inpatients
2. Outcomes following major amputation
3. Feasibility of day-case angiography
4. Diabetic inpatient deaths
5. Utilization of the CEPOD theatre for vascular emergencies
6. Renal function following EVAR
7. White card emergency referrals

Previous audits performed or supervised

- 1997 *Audit of the management of overdoses within the accident and emergency department.*
- A retrospective audit of 99 patients highlighted poor documentation and made recommendations for change.
- 2001 *Audit of the value of white cell counts in the diagnosis of appendicitis.*
- A retrospective audit of approximately 650 cases demonstrated a low sensitivity and specificity for this investigation with the recommendation that the use of WBC be discontinued.
- Does Torbay Hospital need a dedicated colorectal internet website?*
- A prospective study designed to evaluate colorectal outpatient attitudes to a potential dedicated colorectal website.
- Informed consent - principles and practice; a prospective, two-phase study*
- A prospective study designed to both establish the level of knowledge concerning issues pertaining to the consent of patients among medical and senior nursing staff, and to audit the logistics of obtaining consent.
- 2004 *Audit of interpersonal communication skills using the Doctors Interpersonal Skills Questionnaire (DISQ).*
- I audited and re-audited my communication skills using a validated tool and presented the results to the South-West Vascular Surgical Society regional meeting.

- 2005 *Audit of the management of acute pancreatitis*
- I supervised two PRHO's in auditing 12 patients against published guidelines and results. A pro-forma was introduced to encourage scoring and early critical care input and to improve on adherence to the published guidelines for management.
- 2006 *Audit of weekend handover documentation*
- I supervised this audit and its subsequent presentation to the surgical directorate. Standard handover documentation was introduced as a result and a further cycle to complete the audit was arranged.
- 2008 *Alcohol vs gel in the measurement of ABPI*
- Comparison of readings obtained with ultrasound gel and alcohol gel in order to see if antibacterial alcohol gel is as effective.
- Endoleak following EVAR*
- Review of endoleak and reintervention rates within the EVAR practice of the Treliske vascular unit.
- 2009 *Audit of axillobifemoral bypasses*
- Review of procedures performed with presentation to the directorate and consensus as to the use of axillobifemoral grafts in chronic ischaemia.

Qualifications and Courses attended

- 1996 Advanced Life Support
- 1997 Basic Surgical Skills
- 1999 Advanced Trauma Life Support
- 2000 Care of the Critically Ill Surgical Patient
- 2002 Introductory course on Teaching for Medical Teachers
- 2004 European Computer Driving License
- 2005 Basic Life Support
- 2007 Training the Trainers, Royal College of Surgeons
- 2008 Mentoring Skills Workshop
- 2009 EVAR Planning and Sizing Training Course, Leicester
Post Graduate Vascular Surgical Course, St Thomas' Hospital VNUs
course, Treliske Hospital Truro
Definitive Trauma Surgical Skills, Royal College of Surgeons
Management and leadership for senior surgical trainees
- 2013 Research Governance / GCP training
- 2016 NCAS workshop – Case Investigator Training
- 2019 Three day Medicolegal Training (SpecialistInfo, London)

Meetings Attended

2001	South West Surgeons, Gloucester
2002	South West Surgeons, Gloucester
2003	International Hernia Society, London
2004	South West Vascular Surgical Society, Truro
2005	South West Surgeons, Bristol Symposium Mammographicum, Bournemouth
2006	Vascular Society of Great Britain and Ireland, Edinburgh
2007	Vascular Society of Great Britain and Ireland, Manchester
2008	South West Vascular Surgical Society, Southampton
2009	Association of Surgeons, Glasgow
2013	South West Vascular Surgical Society, Plymouth
2014	Vascular Society, Manchester
2016	Towards a Seven Day Service. Taunton

Referees

1. Mr Andrew Cowan
Consultant Vascular Surgeon
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2. Mr Malcolm Crundwell
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3. Mr Ian Currie
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