

Curriculum Vitae

Dr Simon Sporton

Date of Birth 5th October 1966

GMC Registration 3549854

NHS appointments Consultant Cardiologist
Lead Clinician for Electrophysiology
Barts and The London NHS Trust

Honorary Consultant Cardiologist
Barnet and Chase Farm Hospitals NHS Trust

Work Address Department of Cardiology
St Bartholomew's Hospital
Dominion House
60 Bartholomew Close
West Smithfield
London EC1A 7BE

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Education

1978 - 1985 Richard Hale School
Hertford
Herts.

1985 - 1991 Royal Free Hospital School of Medicine
University of London

Qualifications

1988 **BSc. (Hons.) Class 1**

1991 **MB BS**

1994 **MRCP (UK)**

2000 **MD**

2008 **FRCP**

Profile

I have specialised in cardiology since 1994 and in the treatment of heart rhythm disorders since 1999. I was appointed in 2003 as a consultant cardiologist and am now the clinical lead of the heart rhythm unit at St Bartholomew's Hospital in London. This unit is among the largest of its kind in the UK and has a strong national and international reputation based upon the quality of its clinical and research work.

My practise concerns the investigation and treatment of heart rhythm disorders including:

Catheter ablation using advanced technology such as

- Carto electroanatomic imaging,
- Ensite NavX 3D mapping
- Non-contact mapping
- Image integration
- Hansen robotic catheter navigation
- Balloon cryoablation of atrial fibrillation

Permanent pacemaker implantation and follow-up

Implantable cardioverter-defibrillator (ICD) implantation and follow-up

Cardiac resynchronisation therapy (CRT) for the treatment of heart failure

I hold the following outpatient clinics:

St Bartholomew's Hospital	Wednesday PM (weekly)
Chase Farm Hospital	Friday AM (weekly)
London Bridge Hospital	Monday PM (weekly)

I look after inpatients at:

St Bartholomew's Hospital
London Bridge Hospital

I perform catheter ablation and device-related procedures at:

St Bartholomew's Hospital
London Bridge Hospital
The Wellington Hospital

My research interests include:

- The use of novel technologies for catheter ablation of atrial fibrillation.
- The impact of catheter ablation in patients with heart failure: I am a member of the steering committee of the ongoing multinational CASTLE AF study.
- Determining the optimal treatment of ventricular tachycardia (VT) in patients with implantable defibrillators.
- Heart rhythm disturbances in patients with kidney failure undergoing dialysis.
- The benefit of temporary biventricular pacing in patients undergoing cardiac surgery.
- Optimisation of cardiac resynchronisation therapy in patients with heart failure and atrial fibrillation

Appointments

Present Posts

August 2004 – present

Consultant Cardiologist
Barts and The London NHS Trust

April 2007 – present

Honorary Consultant Cardiologist
Barnet and Chase Farm NHS Trust

Previous Posts

April 2003 – August 2004

Consultant Electrophysiologist
UCL Hospitals NHS Trust

October 2002 – February 2003

Locum Consultant Cardiologist
St. Bartholomew's Hospital, London

October 1999 – September 2002

Specialist Registrar in Cardiology
St. Bartholomew's Hospital, London

October 1997 – September 1999

Specialist Registrar in Cardiology
University College London Hospitals

September 1995 - August 1997

Clinical Research Fellow,
Department of Medicine
University College London

September 1994 - August 1995

Registrar in Cardiology and General Medicine
East Surrey Hospital, Redhill

August 1992 – July 1994

Seacroft / Killingbeck Hospitals Medical SHO Rotation, Leeds

August 1991 – July 1992

Pre-registration posts:

St Albans City Hospital
General surgery/Orthopaedics

Royal Free Hospital, London
Cardiology/General Medicine

Undergraduate prizes

Edith Pechey Phipson prize in pharmacology
Gladys Sandes prize in anatomy
Mrs George M Smith prize in second year subjects
Gwendolen Lynn prize in surgery
Labaz-Sanofi prize in chemical pathology
Florence Louis memorial prize and medal in pathology
Katharine Lloyd-Williams prize and medal in applied pharmacology and therapeutics
Final MB BS – Merit in clinical pharmacology and therapeutics and pathology

Publications

Papers

Impact of variant pulmonary vein anatomy and image integration on long-term outcome after catheter ablation for atrial fibrillation
Hunter RJ, Ginks M, Ang R, Diab I, Goromonzi FC, Page S, Baker V, Richmond L, Tayebjee M, **Sporton S**, Earley MJ, Schilling RJ.
Europace 2010 (in press)

Do traditional VT zones improve outcome in primary prevention ICD patients
Duncan E, Thomas G, John N, Pfeffer C, Appana G, Shah N, Hunter R, Finlay M, Schilling RJ, **Sporton S**
Pacing Clin Electrophysiol. 2010 (in press)

Robotic catheter navigation within the left ventricle
Duncan E, Johns N, Schilling RJ, **Sporton S**
Pacing Clin Electrophysiol. 2010 (in press)

Long-term efficacy of catheter ablation for atrial fibrillation: impact of additional targeting of fractionated electrograms.
Hunter RJ, Berriman TJ, Diab I, Baker V, Finlay M, Richmond L, Duncan E, Kamdar R, Thomas G, Abrams D, Dhinoja M, **Sporton S**, Earley M, Schilling RJ
Heart 2010 (in press)

Cryoablation versus radiofrequency ablation for treatment of atrioventricular nodal re-entrant tachycardia: cryoablation with 6mm-tip catheters is still less effective than radiofrequency ablation.
Opel A, Murray S, Kamath N, Dhinoja M, Abrams D, **Sporton S**, Schilling R, Earley M
Heart Rhythm 2010;7:340-3

The NICE guidelines for percutaneous epicardial catheter ablation of ventricular tachycardia: symptomatic of a guideline-obsessed health service?
Schilling RJ, **Sporton SC**, Earley M
Heart. 2010 Feb;96(3):229-30.

Validation of a classification system to grade fractionation in atrial fibrillation and correlation with automated detection systems
Hunter RJ, Diab I, Thomas G, Duncan E, Abrams D, Dhinoja M, **Sporton S**, Earley MJ, Schilling RJ.
Europace 2009; 11;1587-1596.

A Prospective comparison of echocardiography and device algorithms for atrioventricular and interventricular interval optimization in cardiac resynchronization therapy
Kamdar R, Frain E, Warburton F, Richmond L, Mullan V, Berriman T, Thomas G, Tenkorang J, Dhinoja M, Earley M, **Sporton S**, Schilling R.
Europace. 2010 Jan;12(1):84-91.

Uninterrupted warfarin for periprocedural anticoagulation in catheter ablation of typical atrial flutter: a safe and cost-effective strategy
Finlay M, Sawhney V, Schilling R, Thomas G, Duncan E, Hunter R, Viridi G, Abrams D, **Sporton S**, Dhinoja M, Earley M.
J Cardiovasc Electrophysiol. 2009;21:150-4.

A novel solution for repeated migration of an implantable cardiac defibrillator
Sheikh AM, Raza I, **Sporton SC**, Lall KS.
J Thorac Cardiovasc Surg. 2010 Feb;139(2):499-501

Catheter ablation versus standard conventional treatment in patients with left ventricular dysfunction and atrial fibrillation (CASTLE-AF) – Study design
Marrouche NF, Brachmann J; CASTLE–AF steering Committee
Pacing Clin Electrophysiol. 2009; 32: 987-94.

A broad complex tachycardia with conflicting information from pacing manoeuvres.
Hunter RJ, Finlay M, Schilling RJ, **Sporton S**
Europace 2009; 11: 1392-5.

A randomized trial comparing conventional with minimal catheter approaches for the mapping and ablation of regular supraventricular tachycardia.
Liew R, Baker V, Richmond L, Rajappan K, Gupta D, Finlay M, Thomas G, Earley M, **Sporton S**, Harris S, Schilling R.
Europace 2009; 11: 1057-64

A randomized trial to compare atrial fibrillation ablation using a steerable vs. a non-steerable sheath.
Rajappan K, Baker V, Richmond L, Kistler PM, Thomas G, Redpath C, **Sporton SC**, Earley MJ, Harris S, Schilling RJ
Europace 2009; 11: 571-5

Acute and chronic pulmonary vein reconnection after atrial fibrillation ablation: a prospective characterization of anatomical sites.
Rajappan K, Kistler PM, Earley MJ, Thomas G, Izquierdo M, **Sporton SC**, Schilling RJ.
PACE 2008; 31: 1598-1605.

The impact of image integration on catheter ablation of atrial fibrillation using electroanatomic mapping: a prospective randomized study.

Kistler PM, Rajappan K, Harris S, Earley MJ, Richmond L, **Sporton SC**, Schilling RJ
European Heart Journal 2008; 29: 3029-36.

Validation of computed tomography image integration into the EnSite NavX mapping system to perform catheter ablation of atrial fibrillation

Richmond L, Rajappan K, Voth E, Rangavajhala V, Earley MJ, Thomas G, Harris S, **Sporton SC**, Schilling RJ
J Cardiovasc Electrophysiol 2008; 19: 821-7.

Electrophysiologic and anatomic characterization of sites resistant to electrical isolation during circumferential pulmonary vein ablation for atrial fibrillation: a prospective study

Kistler PM, Ho SY, Rajappan K, Morper M, Harris S, Abrams D, **Sporton SC**, Schilling RJ
J Cardiovasc Electrophysiol 2007; 18: 1282-8

Current case mix and results of catheter ablation of regular supraventricular tachycardia: are we giving unrealistic expectations to patients?

Showkathali R, Earley MJ, Gupta D, Altezani M, Harris S, Kistler PM, **Sporton SC**, Schilling RJ
Europace 2007; 9: 1064-8

Image integration for atrial fibrillation ablation: pearls and pitfalls

Kistler PM, Schilling RJ, Rajappan K, **Sporton SC**
Heart Rhythm 2007; 4: 1216-21

Comparison of noncontact and electroanatomic mapping to identify scar and arrhythmia late after the Fontan procedure

Abrams DJ, Earley MJ, **Sporton SC**, Kistler PM, Gatzoulis MA, Mullen MJ, Till JA, Cullen S, Walker F, Lowe MD, Deanfield JE, Schilling RJ
Circulation 2007; 115: 1783-46

Can atrial fibrillation with a coarse electrocardiographic appearance be treated with catheter ablation of the tricuspid valve-inferior vena cava isthmus? Results of a multicentre randomised controlled trial.

Gupta D, Earley MJ, Haywood GA, Fitzgerald M, Kojodjojo P, **Sporton SC**, Peters NS, Broadhurst P, Schilling RJ.
Heart. 2007; 93: 688-93

Outcomes following implantable cardioverter-defibrillator therapy in children with hypertrophic cardiomyopathy.

Pablo Kaski J, Tome Esteban MT, Lowe MD, **Sporton S**, Rees P, Deanfield JE, McKenna WJ, Elliott PM.
Heart. 2007; 93: 372-4

Left atrial tachycardia and inferior vena cava thrombotic occlusion complicating atrial fibrillation ablation successfully treated from the right subclavian vein.

Rajappan K, **Sporton S**, Schilling R
Heart. 2007 Jan;93(1):28.

Amiodarone-induced thrombophlebitis

Showkathali R, Earley MJ, **Sporton S**
Emerg Med J 2006;8:660

Arrhythmia management in the 21st century

Sporton S
Brit J Card Nursing 2006;1:404-5.

Catheter ablation of permanent atrial fibrillation: medium term results.

Earley MJ, Abrams DJ, Staniforth AD, **Sporton SC**, Schilling RJ.
Heart. 2006 Feb;92(2):233-8.

Radiofrequency ablation of arrhythmias guided by non-fluoroscopic catheter location: a prospective randomized trial.

Earley MJ, Showkathali R, Alzetani M, Kistler PM, Gupta D, Abrams DJ, Horrocks JA, Harris SJ, **Sporton SC**, Schilling RJ.
Eur Heart J. 2006 May;27(10):1223-9.

Validation of three-dimensional cardiac image integration: use of integrated CT image into electroanatomic mapping system to perform catheter ablation of atrial fibrillation.

Kistler PM, Earley MJ, Harris S, Abrams D, Ellis S, **Sporton SC**, Schilling RJ.
J Cardiovasc Electrophysiol. 2006 Apr;17(4):341-8.

Validation of the noncontact mapping system in the left atrium during permanent atrial fibrillation and sinus rhythm.

Earley MJ, Abrams DJ, **Sporton SC**, Schilling RJ
J Am Coll Cardiol. 2006 Aug 1;48(3):485-91.

Successful ablation of atrioventricular nodal reentry tachycardia following the atriopulmonary Fontan procedure.

Abrams DJ, Earley MJ, **Sporton SC**, Schilling RJ.
Europace. 2006;8:907-10

The impact of CT image integration into an electroanatomic mapping system on clinical outcomes of catheter ablation of atrial fibrillation.

Kistler PM, Rajappan K, Jahngir M, Earley MJ, Harris S, Abrams D, Gupta D, Liew R, Ellis S, **Sporton SC**, Schilling RJ.
J Cardiovasc Electrophysiol. 2006 Oct;17(10):1093-101.

Cryoablation compared with radiofrequency ablation for atrioventricular nodal re-entrant tachycardia: analysis of factors contributing to acute and follow-up outcome.

Gupta D, Al-Lamee RK, Earley MJ, Kistler P, Harris SJ, Nathan AW, **Sporton SC**, Schilling RJ.

Europace. 2006;8:1022-6.

Ventricular arrhythmia, Cheyne-Stokes respiration, and death: observations from patients with defibrillators.

Staniforth AD, **Sporton SC**, Early MJ, Wedzicha JA, Nathan AW, Schilling RJ. Heart. 2005 Nov;91(11):1418-22.

Is there a sex bias in implantable cardioverter-defibrillator referral and prescription?

Staniforth AD, **Sporton SC**, Robinson NM, Cooper J, Earley MJ, Nathan AW, Schilling RJ

Heart 2004;90:937-8

Arrhythmogenic right ventricular cardiomyopathy: clinical presentation, diagnosis and management

Sen-Chowdhry S, Lowe MD, **Sporton SC**, McKenna WJ

American Journal of Medicine 2004;117:685-95

Atrial Fibrillation current perspectives

Earley MJ, **Sporton SC**

Clinical Medicine 2004; 4: 22-6

Catheter inversion: a technique to complete isthmus ablation and cure atrial flutter

Sporton SC, Davies DW, Earley MJ, Markides V, Nathan AW, Schilling RJ.

Pacing and Clinical Electrophysiology 2004;27:775-8

Electroanatomic vs fluoroscopic mapping for catheter ablation procedure: a prospective randomized study

Sporton SC, Earley MJ, Nathan AW, Schilling RJ.

Journal of Cardiovascular Electrophysiology 2004;15:310-5.

Developments in clinical electrophysiology

Sporton SC, Schilling RJ

Hospital Medicine 2003; 64: 70-1

ECG interpretation series

Sporton S, Holdright D

Hospital Medicine 2001:-

Permanent pacemaker malfunction? 62: 231

The interpretation of ECG changes in the presence of bundle branch block 62:287-8

Progressive conduction block 62:358-9

Collapse as a result of bradycardia 62: 410

Cardiac memory 62: 498-9

Transient ST elevation 62: 567

The place of the electrocardiogram in modern cardiology

Sporton S

Hospital Medicine 2001; 62: 196-7

Echocardiography

Sporton S, Holdright D.

J R Coll Physicians Lond 1999; 33: 18-24

Acute psychological stress and the propensity to ventricular arrhythmias: evidence for a linking mechanism

James PR, Taggart P, McNally ST, Newman SP, **Sporton SC**, Hardman SM

Eur Heart J 2000; 21: 1023-1028

Acute ischaemia: a dynamic influence on QT dispersion

Sporton S, Taggart P, Sutton P, Walker JM, Hardman S

Lancet 1997;349: 306-309

Hepatitis D virus superinfection remains a rare occurrence in non-drug abusers in Hong Kong

Lok A, Wong A, **Sporton S**, Lai C-L, Liu V, Chung H-T

Journal of Hepatology 1992;14: 332-334

Microinjections of 5-HT_{1A} agonists into the dorsal motor vagal nucleus produce a bradycardia in the atenolol-pretreated anaesthetised rat

Sporton SC, Shephard SL, Jordan D, Ramage AG

British Journal of Pharmacology 1991; 104: 466-470

Abstracts

Periprocedural anticoagulation in ablation of atrial flutter: a comparison of uninterrupted warfarinisation vs subcutaneous heparin.

Finlay MC, Sawhney V, Viridi G, Duncan E, Liew R, Thomas G, Tenkorang J,

Sporton S, Dhinoja M, Abrams D, Schilling RJ, Earley M

Heart Rhythm 2009; 6: S114.

Comparison of echocardiography and device algorithms for atrioventricular (AV) and interventricular (VV) interval optimization in cardiac resynchronization therapy (CRT)

Kamdar R, Frain E, Warburton F, Richmond L, Berriman T, Mullan V, Tenkorang J,

Thomas G, Diab I, Dhinoja M, Earley M, **Sporton S**, Schilling RJ.

Heart Rhythm 2009; 6: S189.

A Randomised controlled trial of conventional catheter ablation with a novel minimal catheter approach for regular supraventricular tachycardia.

Liew R, Baker V, Richmond L, Rajappan K, Gupta D, Finlay M, Tenlorang J, Thomas

G, Earley M, **Sporton S**, Schilling RJ

Heart Rhythm 2009; 6: S394.

Acute and chronic pulmonary vein reconnection after AF ablation: prospective characterization of anatomical sites.

Rajappan K, Kistler PM, Thomas G, Izquierdo M, Earley M, **Sporton S**, Schilling RJ.

Heart Rhythm 2008; 5: S167.

A study to identify the prevalence and timing of pericardial effusions after left atrial catheter ablation (LACA) for atrial fibrillation (AF) and atrial tachycardia (AT).
Kalla M, Rajappan K, Kalra S, **Sporton S**, Schilling RJ.
Heart Rhythm 2007; 4: S337.

Measuring success of catheter ablation procedures for supraventricular tachycardia in the real world: do we encourage unrealistic patient expectations?
Showkathali R, Gupta D, Altezani M, Earley M, Kistler P, Harris S, **Sporton S**, Nathan A, Schilling R
Heart 2006;92:A58

The impact of CT image integration into an electroanatomic mapping system on clinical outcomes of catheter ablation of atrial fibrillation.
Rajappan K, Kistler P, Earley M, Harris S, Abrams D, Gupta D, Jahngir M, Ellis S, **Sporton S**, Schilling R
Heart 2006;92:A18

Catheter cryoablation for atrioventricular nodal re-entrant tachycardia: are the results in normal practice as good as in published trials?
Gupta D, Al-Lamee R, Earley M, Harris S, **Sporton S**, Schilling R, Nathan A
Heart 2006;92:A59

Validation of 3-dimensional cardiac image integration: use of integrated CT image CT image into electroanatomic mapping system to perform catheter ablation of atrial fibrillation.
Rajappan K, Kistler P, Earley M, Harris S, Abrams D, Gupta D, Jahngir M, Ellis S, **Sporton S**, Schilling R
Heart 2006;92:A18

Transvenous cryoablation for atrioventricular nodal re-entrant tachycardia: are the results in normal practice as good as in published trials?
Gupta D, Al-Lamee RK, Earley MJ, Kistler P, Harris SJ, **Sporton SC**, Schilling RJ, Nathan AW
Heart Rhythm 2006;3:S239

Electroanatomic remodeling of the right atrium following the Fontan procedure: an electrophysiological and functional analysis.
Abrams DJ, Earley MJ, **Sporton SC**, Schilling RJ
Heart Rhythm 2006;3:S108

Left atrial tachycardia and inferior vena cava thrombotic occlusion complicating AF ablation successfully treated from the right subclavian vein
Rajappan K, **Sporton SC**, Schilling RJ
Heart Rhythm 2006;3:S61

Percutaneous transthoracic epicardial ablation (PTEA) for failed Endocardial ablations: promising results of a new technique.
Gupta D, Earley MJ, Abrams DJ, Harris S, **Sporton S**, Nathan AW, Schilling RJ
Heart 2005; 91: A54

Catheter location trial: a prospective randomised comparison of Carto, NavX and fluoroscopy for catheter ablation

Harris SJ, Gupta D, Altezani M, Earley MJ, **Sporton SC**, Nathan AW, Schilling RJ

Heart 2005; 91: A37

Characterisation of the electrical wavefronts seen in human permanent AF

Earley MJ, Abrams DJ, **Sporton SC**, Schilling RJ

Heart 2005; 91: A37

Latest results of Endocardial arrhythmia ablation following the modified Fontan

Abrams DJ, Earley MJ, **Sporton SC**, Gatzoulis MA, Mullen MJ, Till JA, Cullen S, Deanfield JE, Schilling RJ

Heart 2005; 91: A34

Can atrial fibrillation with a coarse ECG appearance be treated by catheter ablation of the tricuspid valve-inferior vena cava isthmus? Preliminary results of a multicentre randomised controlled trial.

Earley MJ, Haywood, GA, Richmond L, **Sporton SC**, Broadhurst P, Peters NS, Schilling RJ

Heart 2005; 91: A9

High frequency re-entry circuits driving AF: evidence from global left atrial mapping in humans.

Earley MJ, **Sporton SC**, Schilling RJ

Heart 2005; 91: A2

Percutaneous transthoracic epicardial ablation for ventricular tachycardia and epicardial accessory pathways – improved success with cryoablation.

Gupta D, Earley MJ, Harris S, **Sporton S**, Nathan AW, Abrams DJ, Schilling RJ

Heart Rhythm 2005; 2(5): S155.

Catheter location trial: a prospective randomized comparison of Carto, NavX and conventional catheter ablation.

Harris SJ, Gupta D, Alzetani M, Earley MJ, **Sporton SC**, Nathan AW, Schilling RJ

Heart Rhythm 2005; 2(5): S121.

High frequency reentry circuits driving permanent AF – evidence from global left atrial mapping in Humans

Earley MJ, Abrams DJ, **Sporton SC**, Schilling RJ

Heart Rhythm 2005; 2(5): S105.

Incidence of asymptomatic atrial arrhythmia following the modified Fontan procedure before and after radio-frequency ablation.

Abrams DJ, Earley MJ, **Sporton SC**, Gatzoulis MA, Mullen MJ, Till JA, Cullen S, Deanfield JE, Schilling RJ.

Heart Rhythm 2005; 2(5): S290.

Mechanism of atrial arrhythmia following the modified Fontan procedure.

Abrams DJ, Earley MJ, **Sporton SC**, Gatzoulis MA, Mullen MJ, Till JA, Cullen S, Deanfield JE, Schilling RJ.

Oral presentation, European Cardiac Arrhythmia Society 2005.

Clinical outcome after catheter ablation of atrial arrhythmia following the modified Fontan procedure.

Abrams DJ, Earley MJ, **Sporton SC**, Gatzoulis MA, Mullen MJ, Till JA, Cullen S, Deanfield JE, Schilling RJ.

Oral presentation, European Cardiac Arrhythmia Society 2005.

Combined electroanatomic and non-contact mapping to identify fixed and functional conduction block after the atriopulmonary Fontan procedure.

Abrams DJ, Earley MJ, **Sporton SC**, Gatzoulis MA, Mullen MJ, Till JA, Cullen S, Deanfield JE, Schilling RJ. JACC 2005; 45(3) Suppl.1 112A

Results of catheter ablation of atrial arrhythmia following the atriopulmonary Fontan procedure - does detailed mapping improve results?

Abrams DJ, Earley MJ, **Sporton SC**, Gatzoulis MA, Mullen MJ, Till JA, Cullen S, Deanfield JE, Schilling RJ.

British Paediatric Cardiac Association Annual Meeting 2004 - Young Investigator Award

Echocardiographic natural history of left atrial (LA) function after catheter ablation for permanent atrial fibrillation

Earley MJ, Staniforth AD, Abrams DJ, **Sporton SC**, Nathan AW, Schilling RJ

Heart 2004;90:A9

Can permanent atrial fibrillation be cured by catheter ablation? Results of the catheter maze procedure.

Earley MJ, Staniforth AD, Harris SJ, Abrams DJ, **Sporton SC**, Nathan AW, Schilling RJ

Heart 2004;90:A8

Device longevity has not improved over the last 16 years: single centre ICD experience

Staniforth AD, **Sporton SC**, Earley MJ, Nathan AW, Schilling RJ

Heart Rhythm 2004; 1: S275

Echocardiographic natural history of left atrial function after catheter ablation for permanent atrial fibrillation.

Earley MJ, Staniforth AD, Abrams D, **Sporton SC**, Nathan AW, Schilling RJ

Heart Rhythm 2004; 1: S75

Ventricular arrhythmia, Cheyne-Stokes respiration and death: observations from patients with defibrillators.

Staniforth AD, **Sporton SC**, Earley MJ, Nathan AW, Schilling RJ

Heart Rhythm 2004;1: S116

Simultaneous use of electroanatomical (Carto) and non-contact (ESI) mapping to correlate electrogram and catheter location data during left atrial fibrillation.

Earley MJ, **Sporton SC**, Staniforth AD, Nathan AW, Schiling RJ
Pacing Clin Electrophysiol. 2003; 26: 942

A catheter maze for patients with permanent AF: results after short term (3 month) follow up.

Earley MJ, **Sporton SC**, Staniforth AD, Nathan AW, Schiling RJ.
Heart 2003; 89 (suppl 1): A39.

Mechanisms of longstanding permanent atrial fibrillation (AF) using non-contact (ESI) and electroanatomical (Carto) mapping in the left atrium (LA).

Earley MJ, **Sporton SC**, Staniforth AD, Nathan AW, Schiling RJ.
Heart 2003; 89 (suppl 1): A39.

Carto vs. conventional catheter ablation: a prospective randomised comparison

Sporton SC, Earley MJ, Dhinoja MB, Nathan AW, Schilling RJ
Pacing Clin Electrophysiol. 2003;26:S124.

Mechanisms of longstanding permanent atrial fibrillation using non-contact and electroanatomical mapping in the left atrium

Earley MJ, **Sporton SC**, Staniforth AD, Nathan AW, Schilling RJ
European Heart Journal 2003;24:40

Biventricular pacing and Cheyne-Stokes respiration in heart failure

Staniforth AD, Earley MJ, **Sporton SC**, Wedzicha JA, Nathan AW, Schilling RJ
European Heart Journal 2003;24:292

Ventricular arrhythmia, Cheyne-Stokes respiration and death: observations from implantable cardioverter-defibrillator patients

Staniforth AD, Earley MJ, **Sporton SC**, Nathan AW
European Heart Journal 2003;24:282

Is implantable cardioverter-defibrillator prescription sexist?

Staniforth AD, Robinson NM, **Sporton SC**, Earley MJ, Nathan AW, Schilling RJ
European Heart Journal 2003;24:278

Prospective randomised comparison of Carto and conventional catheter ablation

Sporton SC, Earley MJ, Nathan AW, Schilling RJ
Europace 2002;3 (Suppl A):A148

Mental stress and sudden cardiac death: from anecdote to electrophysiological basis

James R, Taggart P, McNally S, Newman S, **Sporton S**, Hardman S
European Heart Journal 1999; 20: 565

Local QT Interval Changes During Coronary Angioplasty.

Sporton S, Taggart P, Walker JM, James PR, Hardman S
Heart 1998; 79 (Suppl 1): 48

Local QT Interval Changes During Acute Regional Ischemia

Sporton S, Taggart P, Walker JM, James PR, Hardman S
PACE 1998; 21 (4): 885

Ventricular Premature Beats and Acute Ischemia: Effects on QT Dispersion

Sporton S, Hardman S, James PR, Taggart P
PACE 1998; 21 (4): 905

Myocardial Ischemia: A Dynamic Influence on QT dispersion

Sporton S, Hardman S, Sutton P, Walker JM, Taggart P
Circulation 1996; 94(8): I-19

Acute Ischaemia: A dynamic influence on QT dispersion

Sporton S, Taggart P, Sutton P, Kharbanda R, Walker JM, Hardman S
Eur. Heart J. 1996; 17: P1535

Does QT dispersion increase in response to acute ischaemia?

Sporton S, Taggart P, Walker JM, Grahame-Clark C, Sutton P, Hardman S
J. Mol. Cell. Cardiol. 1996; 28 (5): A34

Can the QT interval be used to detect increased dispersion of repolarisation induced by ischaemia?

Sporton S, Hardman S, Sutton P, Walker JM, Grahame-Clarke C, Taggart P
Heart 1996; 75: p27

Evidence of the involvement of 5-HT_{1A} receptors in the control of cardiac vagal motoneurons in the anaesthetised rat

Sporton S, Shephard S, Jordan D, Ramage A
British Journal of Pharmacology 1989; 409P

Book chapters

Lead problems, device infections and lead extraction. Schilling R, Sporton S. In – Implantable cardiac pacemakers and defibrillators: all you wanted to know. Eds Chow AWC, Buxton AE. Blackwell 2006.

Cardiac Arrhythmias. Antoniou S, Sporton S. In - Textbook of Clinical Pharmacy and Therapeutics 5th edition. Eds Walker W, Whittlesea C. Churchill Livingstone (in press)

Ablation therapy for atrial fibrillation. Sporton S, Duncan E. In – Horizons in Medicine 22 ed MacAllister R. Royal College of Physicians of London (in press)

MD thesis

QT dispersion: moving from risk stratification towards underlying mechanisms
University of London 2000

My MD thesis was undertaken in the Department of Medicine at University College London and funded by the British Heart Foundation. The project involved an exploration of influence of acute ischaemia and ventricular premature beats on dispersion of ventricular repolarisation in the human heart, both separately and in combination – conditions favouring the development of ventricular tachyarrhythmias. My work was the first demonstration of a dynamic increase in dispersion of repolarisation with the development of acute ischaemia in the human heart. The main findings were reported in a paper published in *The Lancet*.