

CURRICULUM VITAE

SEBASTIAN BRENDAN LUCAS

Date of birth:
Place of birth:
Nationality:
Home address:
Home telephone:
GMC registration

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

CURRENT POSITION (since Aug 1995)

Professor of Clinical Histopathology, Dept of Histopathology
UMDS of Guy's & St Thomas's Hospitals, now King's College London School of Medicine
St Thomas's Hospital, London SE1 7EH.

Hon Consultant Histopathologist to Guy's & St Thomas' Hospitals Trust.

Telephone:

email:

[REDACTED]
[REDACTED]

EDUCATION

1955-1965: King's College School, Wimbledon, London.
1966-1970: Magdalen Collge, Oxford (Exhibitioner)
1970-1973: University College Hospital Medical School, London.

DEGREES

1970: BA (Oxon), 1st Class Honours in Philosophy, Psychology & Physiology.
1973: MA (Oxon), BM,BCh (Oxon)
1975: MRCP (UK)
1978: MRCPath
1990: FRCPath
1992: FRCP

MEDAL/PRIZE

1992: Chalmers Medal of the Royal Society of Tropical Medicine & Hygiene.
1994: Frederick Murgatroyd Memorial Prize of the Royal College of Physicians
2011: President's Medal of the British Division of the International Academy of Pathology

MERIT/DISTINCTION AWARDS

1992 – C
1997 – B
2002 – A

2009 - Platinum

EMPLOYMENT

1973-1974: HO, St Pancras Hospital (UCH), London.

1974: HS, North Middlesex Hospital, London.

1974-1977: Graham Scholar, Dept of Morbid Anatomy, UCH Medical School, London.

1977-1978: Lecturer, Dept of Morbid Anatomy, UCH Medical School, London.

1979: Wellcome Research Fellow, Unit of Geographical Pathology, St Thomas' Hospital Medical School, London.

1980-1982: Lecturer then Senior Lecturer, Dept of Human Pathology, University of Nairobi, Kenya.

1982-1983: Wellcome Research Fellow, Hon. Senior Lecturer. Dept of Histopathology, St Thomas' Hospital Medical School, London; Hon. Consultant Histopathologist, St Thomas' Hospital, London.

1983-1988:

1. Senior Lecturer, Wolfson Tropical Pathology Unit, London School of Hygiene & Tropical Medicine, London
2. Hon. Senior Lecturer, Dept of Histopathology, University College and Middlesex School of Medicine; Hon. Consultant Histopathologist, University College Hospital, London
3. Hon. Consultant Pathologist to the Hospital for Tropical Diseases, London

1988-1995: Senior Lecturer, Dept of Histopathology, UCL Medical School; Hon. Consultant pathologist to UCL Hospitals; Senior Lecturer, Dept of Clinical Sciences, London School of Tropical Medicine & Hygiene.

1991-92: 12 months sabbatical in Abidjan, Côte d'Ivoire, researching HIV disease morbid anatomy in adults and children.

Major invited presentations and eponymous lectures

- Wiltshire Lecture in pathology – King's College Hospital, 1996.
- UMDS Inaugural Lecture: The autopsy as an epidemiological weapon, 1996.
- Francis Showering lecture, Bristol Southmead Hospital, 2000 – on AIDS.
- 10th Conference on retrovirus and opportunistic infections (CROI meeting), Boston 2003 – plenary lecture on global HIV clinical pathology.
- Herrick Centenary Symposium: Sickle cell disease pathology and epidemiology – NIH, Bethesda, 2010

Honorary appointments:

- Honorary senior lecturer, then professor, in tropical pathology at the London School of Hygiene, 1995- present
- Hon consultant pathologist to UCL Hospitals (& Hospital for Tropical Diseases), 1995-present
- Pathologist to many SEUK Coroners for difficult infectious (HIV etc) and post-operative autopsy cases, maternal & sickle cell deaths.
- Hon consultant pathologist at St George's Hospital

Membership of organisations

International Academy of Pathologists, Association of Clinical Pathologists, Royal Society of Tropical Medicine & Hygiene, International Leprosy Association, BMA.

British HIV Association (Exec Committee, now Scrutiniser)

President of the Association of Anatomical Pathology Technologists – AAPT(UK) since inception 2003.

Routine diagnostic activities:

- Pulmonary and Liver pathology for Guy's & St Thomas' Hospital [lung work dropped since 2009]
- Infectious disease consultations – local and international
- Infected and other interesting cadaveric diagnostic evaluation
- Teaching local and London pathology trainees on the above
- Providing histopathology diagnostic service (by post & email) for hospitals in resource-poor countries (recently reduced, for lack of time and local resource)

Research interests:

A. Infectious disease pathology and pathogenesis, in particular:

1. HIV/AIDS – local and international
2. tuberculosis, leprosy and malaria
3. practical diagnostics of infectious diseases (including leprosy)
4. sickle cell disease
5. maternal death

B. The autopsy

1. Training registrars and teaching undergraduates
2. Improving standards locally and nationally
3. its role in clinical governance
4. infectious (HIV) and other hazardous cases
5. maternal death (UK and international)
6. sickle cell disease
7. intensive care outcomes

Teaching activities

- National and international presentations on infectious disease pathology and diagnostics.
- The role of the autopsy in clinical affairs – to consultants, trainees and Coroners (through the Home Office/Ministry of Justice).
- Medical students: the role of the autopsy in medical practice (including a practical special study module) and lectures to the final year on completion of death certificates and the significance of post-operative deaths.
- Mentoring London trainees in forensic medicine

UK National pathology activities

- Chairman of Royal College of Pathologists' Working Party on the Autopsy, producing revised Guidelines for Autopsy Practice (Sept 2002 & Jan 2005).
- Chair of RCPATH MRCPATH Autopsy Examination Committee, producing new formats of examination and standards
- Involvement in the new regulations of organ and tissue retention from autopsies and surgery.

- Involvement in the reorganisation of the medico-legal coronial system and its relation to the autopsy in the UK.
- Referral consultant for ID histopathology cases.
- Performing autopsies on known or suspected hazard group 3 & 4 infectious cadavers for London and south east UK.
- Performing the autopsies on maternal deaths and sickle cell deaths for London coronial jurisdictions.
- Pathology Clinical Coordinator for the National Confidential Enquiry into Patient Outcome and Death (NCEPOD) since Aug 2002
- Chair of the Regional Organising Committee for SE Thames' General Histopathology EQA Scheme (2002-2007)
- Health Protection Agency committee monitoring MRSA as cause of death nationally
- Confidential Enquiry into Maternal and Child Health (CEMACH): pathology assessor for maternal death reviews since 2008
- Advising government on proposed Medical Examiner scheme introduction, and modifications to the England & Wales medico-legal system around the new Coroner & Justice Act 2009
- Advising government and coroners on the utility of cadaveric imaging within the medico-legal system
- UK Cardiac Pathology Network – steering group and referral expert
- British HIV Association (BHIVA) – long-term pathological input, and Scrutineer since 2009

Medico-legal (expert witness) activities

- General histopathological refereeing and reports
- Specialist witness for sickle cell-related deaths & maternal deaths
- General autopsy reports, particularly on HIV-related and intensive care deaths
- Sudden cardiac death

Selected publications, post 1992:

Lucas SB, Hounnou A, Peacock CS, De Cock KM et al. The mortality and pathology of HIV infection in a West African city. *AIDS*, 7:1569-1579, 1993.

Lucas SB. HIV and the necropsy. *Journal of Clinical Pathology* 46:1071-1075, 1993.

Lucas SB, De Cock KM, Hounnou A, Peacock CS, Diomandé M, Hondé M, Beaumel A, Kestens L, Kadio A. Contribution of tuberculosis to slim disease in Africa. *British Medical Journal*, 308:1531-1533, 1994.

Lucas SB, Diomandé M, Hounnou A, Beaumel A, Giordano C, Hondé M, Kadio A, Peacock CS, De Cock KM. HIV-associated lymphoma in Africa: an autopsy study in Côte d'Ivoire. *International Journal of Cancer*, 58:20-24, 1994.

Lucas SB, Hounnou A, Peacock C, et al. Nocardiosis in HIV-positive patients: an autopsy study in West Africa. *Tubercle & Lung Disease*, 75:301-307, 1994.

Greenberg AE, Lucas SB, Tossou O, Coulibaly I-M, Coulibaly D, Kassim S, Ackah A, De Cock KM. Autopsy-proven causes of death in HIV-infected patients treated for tuberculosis in Abidjan, Côte d'Ivoire. *AIDS*, 9:1251-1254, 1995.

De Cock KM, Lucas SB, Mabey DCW, Parry EHO. Tropical medicine for the 21st century. *British Medical Journal*, 311: 860-862, 1995.

Waddell KM, Lewallen S, Lucas SB, Herrington CS, Attenyi-Agaba C, Liomba G. Carcinoma of the conjunctiva and HIV infection. *British Journal of Ophthalmology*, 80:503-508, 1996.

Lucas SB, Hounnou A, Peacock CS, Brattegaard K, Koffi K, Hondé M, Andoh J, Bell JE, De Cock KM. The pathology of paediatric HIV disease in a West African city. *British Medical Journal*, 312:335-338, 1996.

Lucas SB, Hounnou A, Bell JE, Peacock CS, Andoh J, Hondé M, De Cock KM, Warrell DA. Severe cerebral swelling is not observed in children dying with malaria. *Quarterly Journal of Medicine*, 89:351-353, 1996.

Miller RF, Lucas SB, Hall-Craggs MA, Brink NS, Scaravilli F, Chinn RJS, Kendall BE, Williams IG, Harrison MJG. Comparison of MR imaging with neuropathological findings in the diagnosis of HIV- and CMV-associated CNS disease in AIDS. *J.Neurol.Neurosurg.Psychiat.* 62:346-351, 1997

Bell JE, Lowe S, Koffi K, Hondé M, Andoh J, De Cock KM, Lucas SB. The neuropathology of HIV-infected African children in Abidjan, Côte d'Ivoire. *J.Neuropathol.Exp.Neurol.*, 56:686-692, 1997

Miller RF, Lucas SB, Bateman NT. Disseminated *Toxoplasma gondii* infection presenting with a fulminant pneumonia. *Genitourinary Medicine* 72:139-143, 1996.

Ponnighaus JM, Lienhardt C, Lucas SB, Fine PEM, Sterne JAC. Comparison of bacillary indices in slit-skin smears and nerve biopsies: a study from Malawi. *Int.J.Leprosy* 65:211-216, 1997

Lucas SB. The autopsy in the 1990s. *Br.J.Hosp.Med.* 58:544-545, 1997

Cowley GP, Miller RF, Papaadaki L, Canning EU, Lucas SB. Disseminated microsporidiosis (*Encephalitozoon intestinalis*) in a patient with AIDS. *Histopathol.* 30:386-389, 1997

Pozniak AL, Lucas SB, Miller RF. Haemolytic uraemic syndrome complicated by disseminated extra-neural cryptococcosis. *Genitourinary Medicine* 73:410-414, 1997

Rana F, Lucas SB, et al Autopsy findings in HIV-1 infected patients in Nairobi. *J.Acq.Immune.Def.* 14:83-85, 1997

Kennedy MM, Lucas SB, Russell-Jones R, Howells DD, Picton SJ, Bardon A, Comley IL, McGee JO, O'Leary JJ. HHV8 and female Kaposi's sarcoma. *J.Pathol.* 183:447-452, 1997

Kennedy MM, Lucas SB, Jones RR, Howells DD, Picton SJ, Hanks EE, McGee JO'D, O'Leary JJ. HHV8 and Kaposi's sarcoma: a time cohort study. *Molec.Pathol.* 50:96-100, 1997.

Lee C-H, Tang X, Jin S, Li B, Bartlett MS, Lundgren B, Helweg-Larsen J, Olsson M, Vermund SH, Lucas SB, Roux P, Atzori C, Matos O, Smith JW. Update on *Pneumocystis carinii* f.sp.hominis typing based on nucleotide sequence variations in the internal transcribed spacer regions of rRNA genes. *J.Clin.Microbiol.* 36:734-741, 1998

Stoner GL, Agostini HT, Gullota F, Lucas SB, Wamukota W, Ryschkewitsch CF. Two African cases of progressive multifocal leukoencephalopathy. *J.Med.Microbiol.* 47:733-742, 1998

Miller RF, Lucas SB et al. Magnetic resonance imaging, thallium -201 SPET scanning, and laboratory analyses for discrimination of cerebral lymphoma and toxoplasmosis in AIDS. *Sex.Trans.Dis.* 74:258-264, 1998

McQuaid S, Cosby SL, Koffi K, Hondé M, Kirk J, Lucas SB et al. Distribution of measles virus in the CNS of HIV+ve children. *Acta.Neuropathol.* 96:637-642, 1998

Kennedy M M et al . Identification o f H HV8 i n ear ly K aposi's s arcoma: i mplications for K S pathogenesis. *Molec.Pathol.* 51:14-20, 1998

Kennedy MM, O'Leary JJ, Oates JL, Lucas SB, Picton S, McGee J.O'D. HHV8 in Kaposi' sarcoma: lack of association with Bcl-2 and p53 protein expression. *Molec.Pathol.* 51:155-159, 1998

Grant AD, Sidibe K, Domoua K, Bonard D, Sylla-Koko F, Dosso M, Yapi A, Maurice C, Whitaker JP, Lucas S B, Hayes R J, Wiktor S Z, D e C ock K M. Spectrum o f disease a mong H IV-infected adults hospitalised in a respiratory medicine unit in Abidjan, Cote d'Ivoire. *Int.J.Tuberc.Lung.Dis.* 2:926-934, 1998

Batman P A, K apembwa M S, Miller A R O, S edgwick P M, Luc as S B, S ewankambo N K, P udney J , Moody A, Harris J R W, Griffin G E. HIV enteropathy: comparative morphometry of the jejunal mucosa of HIV-infected patients in the UK and in Uganda. *Gut* 43:350-355, 1998

Kennedy MM, Biddolph S, Lucas S B, e t al. C D40 u pregulation i s i ndependent o f H HV8 on the pathogenesis of Kaposi's sarcoma. *Molec.Pathol.* 52:32-36, 1999

Czechowicz RT, Millard P, Smith H R, A shton R E, Lucas S B, Hay R J. Reactivation of cutaneous leishmaniasis after surgery. *Br.J.Dermatol.* 1999; 141:1113-6.

Chima SC, Agostini HT, Lucas SB, Stoner GL, et al. Progressive multifocal leukoencephalopathy and JC virus genotypes in West African patients with AIDS. A pathologic and DNA sequence analysis of 4 cases. *Arch.Pathol.* 123:395-403, 1999

Kennedy MM, Biddolph S, Lucas SB, O'Leary JJ, et al. Cyclin D1 expression and HHV8 in Kaposi's sarcoma. *J.Clin.Pathol.* 1999;**52**:569-73.

Rana FS , H awken M P, Luc as S B e t al . A utopsy s tudy o f H IV-1+ a nd H IV-1-ve adul t m edical patients in Nairobi, Kenya. *J.Acq.Immune.Def.Syndr.* 2000; 24:23-9.

Bowen JR, McDougall A C, Morris J H, Lucas S B, Donaghy M. Vasculitis neuropathy i n a pat ient with inactive treated lepromatous leprosy. *J.Neurol.Neurosurg.Psych.* 2000; 68:496-500.

Greene L, Peters B, Lucas SB, Pozniak A I. Extrapulmonary tuberculosis and disseminated histoplasmosis on AIDS. *Sex.Trans.Infect.* 2000; 76:54-6.

Lucas SB. Update on the pathology of AIDS. *Curr.Diag.Pathol.* 2000;**6**:103-12.

Miller RF, Howard MR, Frith P, Perrons C J, Pecorella I, Lucas S B. Herpesvirus infection of eye and brain in HIV infected patients. *Sex.Trans.Inf.* 2000;**76**:282-6.

Waddell K M, Luc as S B, D owning R G. C ase r eports and small c ase s eries: c onjunctival cryptococcosis in AIDS. *Arch.Ophthalmol.* 2000; 118:1452-3.

Lucas SB. Medical Migration. *Lancet* 356:1197, 2000

Pao D, Watson C, Peters B, Lucas SB, Miller RF. Hyperlactataemia and hepatic steatosis: mitochondrial toxicity of NRTI. *Sex.Trans.Infect.* 2001; 77:381-4.

O'Leary JJ, Kennedy M, Lucas SB et al. Localisation of HHV-8 in AIDS related lymphadenopathy. *Mol.Pathol.* 2000; 53:43-7.

Grahame-Clarke C, Alber DG, Lucas SB, Miller RF, Vallance P. Association between KS and atherosclerosis: implications for gammaherpesviruses and vascular disease. *AIDS* 2001; 15:1902-4.

Lishimpi K, Chintu C, Lucas SB, Zumla A et al. Necropsies in African children: consent dilemmas for parents and guardians. *Arch.Dis.Child.* 2001; 84: 463-467.

Lucas SB. The Coronial autopsy and clinical governance. *CPD Cellular Pathology* 2001; 3: 117-119.

Pao D, Watson C, Peters B, Lucas SB, Miller RF. Hyperlactataemia and hepatic steatosis: mitochondrial toxicity of NRTIs. *Sex.Transm.Infect.* 2001; 77: 381-384.

Richard B, Khatri B, Knolle B, Lucas SB, Turkof E. Leprosy affects the tibial nerves diffusely from the middle thigh to the sole of the foot, including skip lesions. *Plast.Reconstr.Surg.* 2001; 107: 1717-1724.

Ansari NA, Kombe AH, Kenyon TA, Horne NM, Tappero JW, Nyirenda ST, Binkin NJ, Lucas SB. Pathology and causes of death in a group of 128 predominantly HIV+ patients in Botswana 1997-8. *Int.J.Tuberc.Lung.Dis.* 2002; 6:55-63.

Lishimpi K, Chintu C, Lucas SB, Zumla A, et al. Identification of *P.carinii* DNA in oropharyngeal mouth washings from AIDS children dying of respiratory illnesses. *AIDS* 2002; 16:932-934.

Chintu C, Mudenda V, Lucas SB, et al. Lung diseases at necropsy in African children dying from respiratory illnesses: a descriptive necropsy study. *Lancet* 2002; 360:985-990.

Lucas SB. Role of clinical necropsy in medical practice needs to be strengthened. *BMJ* 2002; 324:792.

Lucas SB. The pathology of HIV infection. *Lepr.Rev.* 2002; 73: 64-71.

Kasolo F, Lishimpi K, Chintu C, Lucas SB, Zumla A et al. Identification of *P.carinii* DNA by PCR in necropsy lung samples from children dying of respiratory tract illnesses. *J.Pediatr.* 2002; 140: 367-369.

Wilkins BS, Davis Z, Lucas SB, Delsol G, Jones DB. Splenic marginal zone atrophy and progressive CD8+ T-cell lymphocytosis in HIV infection: a study of adult post-mortem spleens from Cote d'Ivoire. *Histopathol* 2003; 42: 173-185.

Turkof E, Richard B, Assadian O, Khatri B, Knolle E, Lucas SB. Leprosy affects facial nerves in a scattered distribution from the main trunk to all peripheral branches and neurolysis improves muscle function of the face. *Am.J.Trop.Med.Hyg.* 2003; 68: 81-88.

Ansari NA, Kombe A, Lucas SB et al. Pathology and causes of death in a series of HIV positive and negative pediatric referral hospital admissions in Botswana. *Pediatr.Infect.Dis.J.* 2003; 23:43-47.

Lucas SB. Depression as risk factor for mortality after coronary artery bypass surgery. *Lancet* 2003; 362:1499-1500

Miller RF, Isaacson PG, Hall-Craggs M, Lucas SB, Gray F, Scaravilli F, An SF. Cerebral CD8+ lymphocytosis in HIV-1 infected patients with immune restoration induced by HAART. *Acta Neuropathol* 2004; 108:17-23

White JM, Lucas SB, Warhurst D et al. Granulomatous amoebic encephalitis. *Lancet* 2004; 364:220

Roberts M, Cross J, Pohl U, Lucas SB, Dean A. Cerebral schistosomiasis. *Lancet Infect Dis* 2006; 6:820

Eza D, Lucas SB. Fulminant toxoplasmosis causing fatal pneumonitis and myocarditis. *HIV Med* 2006; 7:415-420

Biedrzycki O, Gillespie H, Lucas SB. Sudden death in a patient newly diagnosed with diabetes hyperosmolar non-ketotic acidosis with sickle cell trait. *J Clin Pathol* 2006; 59:882-883

Waddell KM, Downing RG, Lucas SB, Newton R. Corneo-conjunctival carcinoma in Uganda. *Eye* 2006; 20:893-899

Tornesello ML, Duraturo ML, Waddell KM, Lucas SB et al. Evaluating the role of HPV in conjunctival neoplasia. *Br j Canc* 2006; 94:446-449

Rodini S, Horsfield, Mensah-Quainoo F, Junghans T, Lucas SB, Pluschke G. Contiguous spread of *Mycobacterium ulcerans* in Buruli ulcer lesions analysed by histopathology and real-time PCR quantification of mycobacterial DNA. *J Pathol* 2006; 208:119-128

Cooper HC, Lucas SB. The value of the autopsy. *Lancet* 2007; 370:27

Gilbert MT, Lucas SB, Woroby M et al. The isolation of nucleic acids from fixed, paraffin-embedded tissues – which methods are useful when ? *PLoS ONE* 2007; Jun 20 e537

Fryer JF, Lucas SB, Padley D, Bayliss SA. Parvovirus PARV4/5 in hepatitis C virus-infected patient. *Emerg Infect Dis* 2007; Mar 22 epub

Lucas SB. 'Sepsis in autopsy' *Curr Diag Pathol*, 2007, 13: 375-388

Feng H, Taylor JL, Benos PV, Newton R, Waddell K, Lucas SB, Chang Y, Moore PS. Human transcriptome subtraction by using short sequence tags to search for tumor viruses in conjunctival carcinoma. *J Virol*. 2007 Oct;81(20):11332-40. Epub 2007 Aug 8.

Weber MA, Sau A, Maxwell DJ, Mounter NA, Lucas SB, Sebire NJ. Third trimester intrauterine fetal death caused by arterial aneurysm of the umbilical cord. *Pediatr Dev Pathol*. 2007 Jul-Aug;10(4):305-8.

Cooper H, Lucas SB. The value of autopsy, believe it or not. *Lancet*. 2007 Jul 7;370(9581):27.

Gilbert MT, Haselkorn T, Bunce M, Sanchez JJ, Lucas SB, Jewell LD, Van Marck E, Worobey M. The isolation of nucleic acids from fixed, paraffin-embedded tissues-which methods are useful when? *PLoS One*. 2007 Jun 20;2(6):e537.

Gilbert MT, Sanchez JJ, Haselkorn T, Jewell LD, Lucas SB, Van Marck E, Børsting C, Morling N, Worobey M. Multiplex PCR with minisequencing as an effective high-throughput SNP typing method for formalin-fixed tissue. *Electrophoresis*. 2007 Jul;28(14):2361-7.

Lucas SB, Curtis H, Johnson MA. National review of deaths among HIV-infected adults. *Clin Med*. 2008 Jun;8(3):250-2.

Fung KT, Dhillon AP, McLaughlin JE, Lucas SB, Davidson B, Rolles K, Patch D, Burroughs AK. Cure of *Acanthamoeba* cerebral abscess in a liver transplant patient. *Liver Transpl*. 2008 Mar;14(3):308-12. Review.

Walker SL, Pembroke AC, Lucas SB, Vega-Lopez F. Paracoccidioidomycosis presenting in the UK. *Br J Dermatol*. 2008 Mar;158(3):624-6. Epub 2007 Dec 7. No abstract available.

Lockwood DN, Lucas SB, Desikan KV, Ebenezer G, Suneetha S, Nicholls P. The histological diagnosis of leprosy type 1 reactions: identification of key variables and an analysis of the process of histological diagnosis. *J Clin Pathol*. 2008 May;61(5):595-600.

Lucas S. Maternal death: autopsy studies, and lessons from pathology. *PLoS Med*. 2008, Feb;5(2):e48

Cooper H, Lucas SB. Obesity and autopsy reports. *Int J Obesity* 2009, 33:181

McGann H, Stragier P, Portaels F, Gascoyne Binzi D, Collyns T, Lucas S, Mawer D. 2009, Buruli ulcer in United Kingdom tourist returning from Latin America. *Emerg Infect Dis*. 2009 Nov;15(11):1827-9.

Biedrzycki OJ, Bevan D, Lucas S. 2009. Fatal overdose due to prescription fentanyl patches in a patient with sickle cell/beta-thalassemia and acute chest syndrome: A case report and review of the literature. *Am J Forensic Med Pathol*. 2009 Jun;30(2):188-90. Review.

Lucas S. Predictive clinicopathological features derived from systematic autopsy examination of patients who died with A/H1N1 influenza infection in the UK 2009-10 pandemic. *Health Technol Assess*. 2010 Dec;14(55):83-114

Cox JA, Lukande RL, Lucas S, Nelson AM, Van Marck E, Colebunders R. Autopsy Causes of Death in HIV-Positive Individuals in Sub-Saharan Africa and Correlation with Clinical Diagnoses. *AIDS Rev*. 2010 Oct-Dec;12(4):183-94.

Mahadeva U, van der Walt JD, Moonim MT, Lucas SB. P24 immunohistochemistry on lymphoid tissue: the histopathologist's role in HIV diagnosis. *Histopathology*. 2010 Mar;56(4):542-7.

Moonim MT, Alarcon L, Freeman J, Mahadeva U, van der Walt JD, Lucas SB. Identifying HIV infection in diagnostic histopathology tissue samples--the role of HIV-1 p24 immunohistochemistry in identifying clinically unsuspected HIV infection: a 3-year analysis. *Histopathology*. 2010 Mar;56(4):530-41

Holmes MV, Desai M, Dosekun O, Holmes P, Lucas SB, Kulasegaram R. Is the diagnosis at hand? *Lancet*. 2010 Mar 27;375(9720):1134.

Soni S, Srirajaskanthan R, Lucas SB, Alexander S, Wong T, White JA.

Lymphogranuloma venereum proctitis masquerading as inflammatory bowel disease in 12 homosexual men. *Aliment Pharmacol Ther.* 2010 Jul;32(1):59-65. Epub 2010 Mar 25.

Lucas SB. Coroners. Leadership is needed.

BMJ. 2010 Mar 24;340:c1566. doi: 10.1136/bmj.c1566

Cox-Singh J, Hiu J, Lucas SB, Divis PC, Zulkarnaen M, Chandran P, Wong KT, Adem P, Zaki SR, Singh B, Krishna S. Severe malaria - a case of fatal *Plasmodium knowlesi* infection with post-mortem findings: a case report. *Malar J.* 2010 Jan 11;9:10.

Waddell K, Kwehangana J, Johnston WT, Lucas S, Newton R.

A case-control study of ocular surface squamous neoplasia (OSSN) in Uganda. *Int J Cancer.* 2010 Jul 15;127(2):427-32.

Lucas SB. Predictive clinicopathological features derived from systematic autopsy examination of patients who died with A/H1N1 influenza infection in the UK 2009-10 pandemic. *Health Technology Assessment* 2010, 14: 83-114.

Lucas SB. Derivation of new reference tables for human heart weights in light of increasing body mass index'. *J Clin Pathol.* 2011 Apr;64(4):279-80

Lucas SB. 2011. UK infectious diseases and diagnostic cellular pathology: remit, constraints and capacities. *RCPATH Bulletin*, number 156: 238-242.

Lucas SB et al. CD8 encephalitis: an emerging syndrome in HIV+ve African patients on long term treatment with cART, *in preparation, presented at CROI 2011 (Boston)*

Lucas SB. Causes of HIV-related death in the era of HAART. *Curr Opin Infect Disease*, 2012 in press

Lucas SB. Splenic HIV infection diagnosed with p24 on autopsy cytopathology confirmed on

histopathology. *Cytopathology.* 2011 Oct 30. doi: 10.1111/j.1365-2303.2011.00935.x. [Epub ahead of print]

Holmes MV, Kulasegaram R, Lucas SB, Wong T, Hilton R. Fatal lactic acidosis in a kidney transplant recipient on combination antiretroviral therapy after initiation of tacrolimus therapy. 2011 *Transplantation*, Article ID 210178, 6 pages doi:10.1155/2011/210178

Chapters

Lucas SB. "Diseases caused by Parasitic Protozoa and Metazoa" (pp 1142-1190); and sections in "Microbial infections", with Sleight JD & Pennington TH. In 'Muir's Textbook of Pathology', 13th edition, ed R MacSween & K Whaley, 1992. *14th edition 2010: composite chapter on 'Infections'*.

Lucas SB. "Pathology of Tropical Infections". In: 'Oxford Textbook of Pathology', eds McGee J, Isaacson PG, Wright NA. OUP. pp 2187-2266, 1992.

Lucas SB, Nelson AM. "The pathogenesis of tuberculosis in HIV-infected people". In: 'Tuberculosis. Pathogenesis, protection and control', ed Bloom BR. American Society for Microbiology, Washington, pp 503-513, 1994

Lucas SB. "Other viral and infectious diseases and HIV-related liver disease". In: 'Pathology of the Liver' eds R MacSween, P Anthony, P Scheuer, B Portmann, A Burt. 3rd edition Churchill Livingstone, pp.269-315, 1994.

Revised 4th (2000) and 5th (2006) – v and 6th (2011) editions, pp 403-466.

Lucas SB. "Guidelines for autopsies in the tropics". In: 'Tropical Pathology' 2nd edition, eds Doerr W, Seifert G, Uehlinger E. Springer Verlag, Heidelberg, pp.3-23, 1995.

Lucas SB. "Tropical pathology of the female genital tract and ovaries". In Fox H. (ed) 'Haines and Taylor, Obstetrical and Gynaecological Pathology, 2nd edition, Churchill Livingstone, pp.1209-1231, 1995; 3rd edition 2002

Lucas SB, Schwartz D, Hasleton P. "Parasitic lung disease: in 'Spencer's Pathology of the Lung', 2nd edition, ed P Hasleton; pp.305-356, 1996. *New edition coming out 2011*

Lucas SB. "Bacterial Diseases", in 'Lever's Histopathology of the Skin', 8th edition, ed. DE Elder; Lippincott-Raven, pp.459-504, 1997 & 2004. *New edition in preparation.*

Lucas SB. "Histopathology", In 'Clinical Tuberculosis', ed PDO Davies, 2nd edition 1998. Thomson, London, pp113-127, 1998; 3rd edition 2003; 4th edition 2007

Lucas SB. 'Imported infectious diseases'. Recent Advances in Histopathology vol 18, eds D Lowe & JCE Underwood, Churchill Livingstone, pp23-42, 1999.

Lucas SB. 'The morbid anatomy of sickle cell disease', In: Okpala I (ed) 'The management of sickle cell disease'. Blackwell 2004

NCEPOD. Pathology chapters for NCEPOD reports: "Scoping our practice", 2004; "An acute problem?", 2005

NCEPOD. "The coroner's autopsy: do we deserve better?" pp1-96. Oct 2006. SBL main author.

Lucas SB. 'Bioterrorism'. In Recent Advances in Histopathology vol 22. ed Underwood. Churchill Livingstone 2007,

Lucas SB. 'Bioterrorism'. In 'Essentials of Autopsy Practice' vol 4, ed G Ruty. Springer 2007

Lucas SB. 'Parasitic and fungal infections'. In Greenfield's Neuropathology', 8th edition. Ed S Love. Hodder Arnold 2007

NCEPOD. 'Sickle cell disease: is there a crisis?', 2008 [SBL main author]

Lucas SB. Autopsies on people with high-risk infections. In: The Hospital Autopsy, pp 71-89. ed Burton J & Ruty G. Hodder. London, 2010

Lucas SB. 3 sections in:

Saving Mothers' Lives: Reviewing maternal deaths to make motherhood safer: 2006-2008. The Eighth Report of the Confidential Enquiries into Maternal Deaths in the United Kingdom.

Lewis G, Cantwell R, Clutton-Brock T, Cooper G, Dawson A, Drife J, Garrod D, Harper A, Hulbert

D, Lucas S, McClure J, Millward-Sadler H, Neilson J, Nelson-Piercy C, Norman J, O'Herlihy C, Oates M, Shakespeare J, de Swiet M, Williamson C, Beale V, Knight M, Lennox C, Miller A, Parmar D, Rogers J, Springett A.

In: BJOG. 2011 Mar;118, Suppl 1:1-203.

- a. Sepsis. Annex 7.1. A possible future approach to case definitions. pp97-101.
- b. Cardiac Disease. Annex 9.1. Pathological overview of cardiac deaths including sudden adult/arrhythmic death syndrome (SADS). pp 116-118.
- c. Ch 17. Pathology Overview. pp 181-184.

Lucas SB. 'Autopsy and sepsis'. InTech, online book, in press 2011

GUIDELINES IN PATHOLOGY

Banatvala J, Lucas SB et al. HIV and the practice of pathology. Royal College of Pathologists, 1995, pp27.

Lucas S B et al . Guidelines for a utopsy p ractice. R oyal C ollege o f Pathologists. 2 002. (chair an d secretary for the RCPATH working party). Revised Guideline autopsy scenarios, 2005

The Coronal Autopsy. Fact and advice sheet for all histopathology trainees in S Thames Region and for newly inducted Coroners.

Lucas SB & Cartwright K (chairs). 'Guidelines for autopsy practice – microbiology'. In preparation: a comprehensive practical survey with recommendations for the diagnosis of infectious diseases in cadavers (all ages).

Co-author: BHIVA treatment guidelines for tuberculosis (TB)/HIV infection, 2005. HIV Med 2005; 6 suppl 2: 62-83

Dept of Health: Guidelines for examining tissue samples from persons at risk of harbouring vCJD (TSE) prions. Member of working group, in preparation

Home Office & Health Protection Agency. Comprehensive guidelines for handling cadavers potentially infected with hazard group 3 & 4 pathogens. In press.

Articles on autopsy practice

In Bulletin of the Association of Clinical Pathologists; Bulletin of the Royal College of Pathologists.

[updated. Nov 2011]