

## CURRICULUM VITAE

Name: Thomas Cornelius BRITTON

Nationality: British  
Marital status: Married  
Registration Nos: GMC 2592136 (11 Aug)  
MPS 176069 (31 Aug)  
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## EDUCATION

Schools: 1970-71 Trailridge Junior High School  
Kansas City, USA  
1971-76 Highgate School  
London N6  
1976-79 Trinity College  
Cambridge  
1979-82 Westminster Hospital Medical School  
London

Awards: Open Scholarship, Trinity College, Cambridge 1975  
Keasbey Bursary, Trinity College 1979  
MD prize, Cambridge University, 1994

Degrees: B A Nat. Sci. Tripos Physiology Class 2(1) 1979  
M.B., B.Chir. Cambridge 1982  
M.A. Cambridge 1994  
M.D. Cambridge 1994

Diplomas: M.R.C.P. 1985  
Accreditation in Neurology 1994

**PRESENT APPOINTMENT**

Consultant Neurologist	King's College Hospital Denmark Hill, London SE5 9RS	Apr 1996 - present
	<i>and</i>	
	Queen Mary's Hospital Sidcup, Kent DA14 6LT	

**PREVIOUS APPOINTMENTS**

Senior Registrar in Neurology	The National Hospital Queen Square, London WC1	Aug 1992-Apr 1996
	<i>and</i>	
	Guy's Hospital, London SE1	
Registrar in Neurology	The National Hospital Queen Square, London WC1	Apr 1991-July 1992
Registrar in Neurology	Royal Free Hospital Hampstead, London NW3	Apr 1990-Mar 1991
Research Registrar in Neurology and Neurophysiology	Institute of Neurology Queen Square, London WC1	Feb 1989-Mar 1990
Research Registrar in Neurology and Neurophysiology	Neurologische Klinik University of Duesseldorf, FRG	Nov 1987-Jan 1989
SHO in Neurology	The National Hospital Queen Square, London WC1	May 1987-Oct 1987
Medical Registrar	Queen Mary's Hospital Rochampton, London SW15	Oct 1986-Apr 1987
Medical Registrar	Westminster Hospital London SW1	Sep 1985-Sep 1986
Medical SHO Rotation	St Mary's Hospital London W2	Feb 1984-Jul 1985
SHO Casualty	Kingston Hospital Surrey	Aug 1983-Jan 1984
House surgeon	St Stephen's Hospital London SW10	Feb 1983-Jul 1983
House physician	Princess Margaret Hospital Swindon	Aug 1982-Jan 1983

## PUBLICATIONS

### PAPERS

- Britton TC, Gibberd FB. (1988) A family with Refsum's disease. *J Roy Soc Med* **81**, 602-603
- Meyer B-U, Britton TC, Benecke R. (1989) Investigation of unilateral facial weakness: magnetic stimulation of the proximal facial nerve and of the face associated motor cortex. *J Neurol* **236**, 102-106
- Britton TC, Gibberd FB, Clemens ME, Billimoria J, Sidey M. (1989) Significance of plasma phytanic acid levels in adults. *J Neurol Neurosurg Psychiatry* **52**, 891-894
- Forbes A, Britton TC, House IM, Gazzard BG. (1989) The safety of acetarsol in the treatment of proctitis. *Alimentary Pharm Therapeutics* **3**, 553-556
- Britton TC, Meyer B-U, Herdmann J, Benecke R. (1990) The clinical use of the magnetic stimulator in the investigation of the peripheral conduction time. *Muscle Nerve* **13**, 396-406
- Britton TC, Meyer B-U, Benecke R. (1991) Variability of cortically evoked motor responses in multiple sclerosis. *Electroencephalogr Clin Neurophysiol* **81**, 186-194
- Meyer B-U, Britton TC, Kloten H, Steinmetz H, Benecke R. (1991) Coil placement in magnetic brain stimulation related to skull and brain anatomy. *Electroencephalogr Clin Neurophysiol* **81**, 38-46
- Britton TC, Meyer B-U, Benecke R. (1991) Central motor pathways in patients with mirror movements. *J Neurol Neurosurg Psychiatry* **54**, 505-510
- Brown P, Rothwell JC, Thompson PD, Britton TC, Day BL, Marsden CD. (1991) New observations on the normal auditory startle in man. *Brain* **114**, 1891-1902
- Brown P, Rothwell JC, Thompson PD, Britton TC, Day BL, Marsden CD. (1991) The hyper-ekplexias and their relationship to normal startle reflex. *Brain* **114**, 1903-1928
- Meyer B-U, Britton TC, Benecke R. (1991) Wilson's disease: normalisation of cortically evoked motor responses with treatment. *J Neurol* **238**, 327-330
- Meyer B-U, Kloten H, Britton TC, Benecke R. (1991) Technical approaches to hemisphere selective transcranial magnetic brain stimulation. *Electromyogr Clin Neurophysiol* **30**, 311-318
- Meyer B-U, Britton TC, Bischoff C, Machetanz J, Benecke R, Conrad B. (1991) Abnormal conduction in corticospinal pathways in Wilson's disease. Investigation of nine cases with magnetic brain stimulation. *Movement Disorders* **6**, 320-323

Meyer B-U, Diehl R, Steinmetz H, Britton TC, Benecke R. (1991) Magnetic stimuli applied over motor and visual cortex: influence of coil position and field polarity on motor responses, phosphenes, and eye movements. *Electroencephalogr Clin Neurophysiol Suppl* 43, 121-134

Amassian VE, Somasundaram M, Rothwell JC, Britton TC, Cracco JB, Cracco RQ, Maccabee PJ, Day BL. (1991) Paraesthesias are elicited by single pulse magnetic coil stimulation of motor cortex in susceptible humans. *Brain* 114, 2505-2520

Britton TC, Thompson PD, Van der Kamp W, Rothwell JC, Day BL, Findley LJ, Marsden CD. (1992) Primary orthostatic tremor: further observations in six cases. *J Neurol* 239, 209-217

Meyer B-U, Britton TC, Benecke R, Bischoff C, Marchetanz J, Conrad B. (1992) Motor responses evoked by magnetic brain stimulation in psychogenic weakness: diagnostic value and limitations. *J Neurol* 239, 251-255.

Britton TC, Thompson PD, Day BL, Rothwell JC, Findley LJ, Marsden CD. (1992) "Resetting" of postural tremors at the wrist with mechanical stretches in Parkinson's disease, essential tremor and normal subjects mimicking tremor. *Ann Neurol* 31, 507-514

Kloten H, Meyer B-U, Britton TC, Benecke R. (1992) Normalwerte und altersabhaengige Veraenderungen magneto-electrisch evozierter Muskel-Summen-Aktionpotentiale. *Zeitschr EEG EMG* 23, 29-36.

Britton TC, Thompson PD, Day BL, Rothwell JC, Findley LJ, Marsden CD. (1993) Modulation of postural wrist tremors by magnetic brain stimulation of the motor cortex in patients with Parkinson's disease or essential tremor or in normal subjects mimicking tremor. *Ann Neurol* 33, 473-479

Britton TC, Day BL, Brown P, Rothwell JC, Thompson PD, Marsden CD. (1993) Postural electromyographic responses in the arm and leg following galvanic vestibular stimulation in man. *Exp Brain Res* 94, 143-151

Britton TC, Thompson PD, Day BL, Rothwell JC, Findley LJ, Marsden CD. (1993) Modulation of postural tremors at the wrist by supramaximal median nerve shocks in essential tremor, Parkinson's disease and normal subjects mimicking tremor. *J Neurol Neurosurg Psychiatry* 56, 1085-1089

Britton TC, Thompson PD, Day BL, Rothwell JC, Findley LJ, Marsden CD. (1994) Rapid wrist movements in patients with essential tremor: the critical role of the second agonist burst. *Brain* 117, 39-47.

Hughes RAC, Britton TC, Richards M. (1994) Effects of lymphoma on the peripheral nervous system. *J Roy Soc Med* 87, 526-530.

Thompson PD, Day BL, Rothwell JC, Brown P, Britton TC, Marsden CD. (1994) The myoclonus in corticobasal degeneration: evidence for two forms of cortical reflex myoclonus. *Brain* 117, 1197-1207.

Britton TC, Thompson PD. (1995) Primary orthostatic tremor (editorial). *Brit Med J* 310, 143.

Playford ED, Britton TC, Thompson PD, Brooks DJ, Findley LJ, Marsden CD. (1995) Exacerbation of postural tremor with emergence of parkinsonism after treatment with neuroleptic drugs. *J Neurol Neurosurg Psychiatry* 58, 487-489.

Bain PG, Findley LJ, Britton TC, Rothwell JC, Gresty MA, Thompson PD, Marsden CD. (1995) Primary Writing Tremor. *Brain* 118, 1461-1472.

Britton TC. (1995) Essential tremor and its variants. *Current Opinions in Neurology* 8, 314-319.

Bain PG, Britton TC, Jenkins IH, Thompson PD, Rothwell JC, Thomas PK, Brooks DJ, Marsden CD. (1996) Tremor associated with benign IgM paraproteinaemic neuropathy. *Brain* 119, 789-799.

Barnes D, Hughes RAC, Morris RW, Wade-Jones O, Brown P, Britton TC et al. (1997) Randomised trial of oral and intravenous methylprednisolone in acute relapses of multiple sclerosis. *Lancet* 349, 902-906.

Britton TC. (1997) Increased writing activity in neurological disease. *Lancet* 349, 372-373.

#### LETTERS AND REFEREED ABSTRACTS

Britton TC, Guilloff RJ. (1988) Carotid artery disease presenting as cough headache. *Lancet* i: 1406-1407

Meyer B-U, Britton TC, Denecke R. (1989) Diagnostic use of the magnetic nerve stimulator. *Muscle Nerve* 12, 953-954

Britton TC, Brown P, Day BL, Marsden CD, Rothwell JC, Thompson PD, Ugawa Y. (1990) Can the cerebellum be stimulated through the intact scalp in man? *J Physiol* 420:19P

Britton TC, Brown P, Day BL, Marsden CD, Rothwell JC, Thompson PD. (1990) Patterned electromyographic responses to galvanic ear stimulation in man. *J Physiol* 420:18P

Brown P, Britton TC. (1990) Cortico-motor neurone conduction in dopa-responsive dystonia. *Movement Disorders* 5, 338

Rothwell JC, Colebatch J, Britton TC, Priori A, Thompson PD, Day BL, Marsden CD. (1991) Physiological studies in a patient with mirror movement and agenesis of the corpus callosum. *J Physiol* 438, 34P

Britton TC, Day BL, Findley LJ, Marsden CD, Rothwell JC, Thompson PD. (1991) Effects of magnetic brain stimulation on wrist tremor in patients with Parkinson's disease. *J Physiol* 438, 214P

Britton TC, Gresty MA. (1992) Mechanisms in essential tremor. *Lancet* 340, 610

Britton TC, Al Sarraj S, Shaw C, Campbell T, Collinge J. (1995) Sporadic Creutzfeldt-Jakob disease in a 16 year old in the UK. *Lancet* 346, 1155.

Boyd RN, Britton TC, Robinson RO, Borzyskowski M. (1996) Transient urinary incontinence after botulinum A toxin. *Lancet* 348, 481-482.

Britton TC, O'Donoghue M, Hirsch NP, Duncan JS. (1997) Exacerbation of epilepsy by obstructive sleep apnoea. *J Neurol Neurosurg Psychiatry* 63, 808.

Smith GD, Saldanha G, Britton TC, Brown P. (1997) Neurological manifestations of coeliac disease. *J Neurol Neurosurg Psychiatry* 63, 550.

Britton TC. (1997) Persistent vegetative state. *Lancet* 350, 1324.

#### BOOK CHAPTERS

Meyer B-U, Britton TC, Benecke R. (1990) Magnetic stimulation of the corticonuclear system and of proximal cranial nerves in humans. In *Motor Disturbances II* Eds Benecke R, Berardelli A, Manfredi M, Marsden CD. Academic Press: London

Britton TC. (1994) Central and peripheral mechanisms in tremorgenesis. In *Handbook of tremor disorders* Eds Findley LJ, Koller WC. Marcel Dekker: New York.

Rothwell JC, Britton TC, Brown P, Day BL, Fong J, Thompson PD, Werhahn K. (1994) Investigation of descending motor pathways in man. In *Spasticity: mechanisms and management*. Eds Thilmann AF, Burke DJ, Rymer WZ. Springer-Verlag.

Britton TC. (1998) Tone and disorders of tone in neurological disease. In *Neurology for Physiotherapists* Ed Stiles M. (in press)

#### RESEARCH INTERESTS

My research interests cover the neurophysiology of the human motor system in health and disease. I spent one year in the academic department of neurology at the University of Duesseldorf under Professor Benecke and Professor Freund examining the clinical use of the magnetic brain stimulator. I spent a further year at the Institute of Neurology in the MRC Human Movement and Balance unit under Professor Marsden during which time I examined a range of conditions and topics including tremulous disorders, dystonic disorders, mirror movements and galvanic stimulation of the vestibular apparatus as well as participating in the work of other members of the department. My work on tremor, which was funded by a Wellcome grant, formed the basis of my M.D.

## RESEARCH FUNDS

EC Twinning Grant (Institute of Psychiatry - University of Dusseldorf)	1987-1989
Wellcome Project Grant (Institute of Neurology)	1989-1990
Wellcome Travel Grant	1994
Guarantors of Brain Travel Grant	1994

## MANAGEMENT AND AUDIT EXPERIENCE

Junior doctors' representative:

Division of Neurosciences Committee, Royal Free Hospital, 1990

Hospital Medical Committee, Maida Vale Hospital, 1991

Chairman of the Junior doctors' committee, Queen Square 1994

Junior doctors' representative Medical Staffing Committee, Queen Square 1994

King's Fund Management Course for Senior Registrars, March 1994

Audit meeting organiser:

Hospital and Departmental meetings, National Hospital, 1992, 1994

Departmental meetings, Guy's Hospital, 1993

Medical Records Committee member, King's College Hospital 1998

## TEACHING

Medical Students	King's College Hospital	1996-present
	Neurology firms at Guy's and Royal Free Hospitals	1990-1995
	General Medical firms at St Mary's and Westminster Hospitals	1984-1987
MRCP Tutorials	Westminster Hospital	1985-1986
	Royal Free Hospital	1990-1991
	Barking Hospital course	1992-1995
	Guy's MRCP course	1993-1995
Postgraduate Neurology course	Institute of Neurology Queen Square	1991-1995
Dental Students	KCSMD	1996-present

## MEMBERSHIPS

Royal College of Physicians  
Royal Society of Medicine  
British Medical Association  
Association of British Neurologists  
British Neuro-Psychiatric Association  
Movement Disorders Society