

CURRICULUM VITAE

PERSONAL DETAILS

Name: Christopher Lloyd Chandler

Date of Birth: 6th September 1957

Age:

Nationality: American (permanently domiciled in UK)

Marital Status: Married

GENERAL EDUCATION

1972-1975: Phillips Academy
Andover, Massachusetts

1976-1978: Kenyon College
Gambier, Ohio

1978-1981: University of Newcastle
Newcastle-upon-Tyne

MEDICAL EDUCATION

1981-1983: King's College
London

1983-1986: Westminster Medical School
London

QUALIFICATIONS

June 1981: BSc II(i) Physiology

January 1986: FMGEMS (USA)

June 1986: MB BS (London)

May 1990: FRCS (London)

April 1996: FRCS (SN)

PRESENT APPOINTMENT

October 1997- Consultant Neurosurgeon
Guys & St Thomas and Kings College Hospital

PREVIOUS APPOINTMENTS

Aug 1986 - Oct 1986: House Surgeon to Dept of Orthopaedic Surgery
(Messrs BG Andrews, PM Alchroth, J Scott)
Westminster Hospital, London

Nov 1986 - Jan 1987: House Surgeon (Messrs JM Thomas & K Robinson)
Westminster Hospital, London

Feb 1987 - Jul 1987: House Physician (Drs EJ Knight & J. Angel)
Watford General Hospital, Watford

Aug 1987 - Jan 1988: SHO, Accident & Emergency
St James's Hospital, London

Feb 1988 - Jul 1988: SHO, General Surgery (Mr J-C Gazet)
St George's Hospital, London

Aug 1988 - Jan 1989: SHO, SW Thames Regional Unit for
Cardio-Thoracic Surgery
St George's Hospital, London

Feb 1989 - July 1989: SHO, Gough Cooper Dept of Neurological Surgery
National Hospital for Nervous Diseases
Queen's Square, London

Aug 1989 - Jan 1990: SHO, General Surgery (Mr J Wellwood)
Whipps Cross Hospital, London

Feb 1990 - Jul 1990: SHO, Orthopaedic Surgery (Messrs T Bucknill &
T Wadsworth), Homerton Hospital, London

Aug 1990 - Jan 1991: Registrar, Professorial Surgical Unit
St Bartholomew's Hospital, London

Feb 1991 - Mar 1991: Acoustic Neuroma Research Fellow,
BGT Foundation (Prof R Ramsden/Mr R Lye)
Manchester Royal Infirmary, Manchester

Apr 1991 - Sept 1992: Registrar, Department of Neurosurgery
Atkinson Morley's Hospital, London

Sept 1992 - June 1994: Clinical Research Fellow, Imperial Cancer
Research Fund, Frenchay Hospital, Bristol

July 1994-Sept 1996: Senior Registrar, Dept of Neurosurgery
Frenchay Hospital, Bristol

Oct 1996- Oct 1997: Epilepsy Fellow/Senior Registrar, Dept. of Neurosurgery
Kings College Hospital, London

Oct 1997-Mar 1998: Visiting Research Fellow in Paediatric Neurosurgery
Dept of Child Health, Queen's Medical Centre, Nottingham

RESEARCH EXPERIENCE

1. The creation and maintenance of a computerised databases of acoustic neuroma, trigeminal neuralgia, and subarachnoid haemorrhage.
2. Clinical co-ordinator of computerised clinical audit, diagnostic and operative coding.
3. Dissertation supervisor to Intercalated BSc students studying acoustic schwannoma patients and their management.

M.D. RESEARCH EXPERIENCE

I have completed an investigation into the repeated intrathecal treatment of patients with lepto-meningeal relapse from medulloblastomas, primitive neuroectodermal tumours (PNETs), and non-CNS solid tumours using murine monoclonal antibodies (MoAbs), labelled with radioactive isotopes (^{131}I).

I have also completed studies on the penetration of these radiolabelled MoAbs into the walls of malignant gliomas, utilising frameless stereotactic localisation to obtain direct tumour radioactivity measurements after an intratumoural dose of the radio-immunoconjugate.

This work is being submitted as an M.D. thesis to the University of London.

LEARNED SOCIETIES

The Royal Society of Medicine

COURSES,

- | | |
|-------------|--|
| April 1989: | Microsurgery Workshop
Northwick Park Hospital, London |
| May 1992: | Acoustic Schwannoma and Skull Base Surgery
Course, Manchester |
| May 1995: | South West Region Management Training Course for
Senior Registrars, Bristol |

STUDENT ELECTIVE

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| Nov - Dec 1985: | Edendale Hospital
Depts of Orthopaedics and Surgery
Pietermaritzburg, Natal, South Africa |
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PAST WORK EXPERIENCE

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| 1975 - 1976: | Anaesthetic Technician
Westminster Hospital, London |
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OUTSIDE INTERESTS


Photography, mountaineering, squash

PUBLICATIONS

1. Effect of inhaled histamine on single breath lung transfer factor for carbon monoxide.
Chandler CL, Chinn DJ, & Cotes JE.
Journal of Physiology 1982;327: 51P
2. An MR study concerning the fate of capsular fragments left behind during removal of acoustic nerve tumours.
Lye RH, Ramsden RT, Gillespie JE, Pace-Balzan A, Chandler CL, Dutton JE.
British Journal of Neurosurg 1992;6: 88-89.
3. Growth characteristics of acoustic neuromas with particular reference to the fate of capsule fragments remaining after tumour removal: Implications for patient management.
Pace-Balzan A, Lye RH, Ramsden RT, Chandler CL, Gillespie JE, Dutton JE.
Proceedings of Copenhagen Acoustic Neuroma Conference, August 1991.
Kugler Publications, New York, 1992.
4. The neuro-otological approach to the surgical management of acoustic neuroma: The Manchester experience.
Dutton JE, Lye RH, Ramsden RT, Chandler CL, Morris K, Page RD, Keith AO.
Proceedings of Copenhagen Acoustic Neuroma Conference, August 1991.
Kugler Publications, New York, 1992
5. Acoustic Schwannoma.
Chandler CL & Ramsden RT.
British Journal of Hospital Medicine 1993;49:335-343.
6. Malignant arterial tumor embolization.
Chandler CL.
Journal of Surgical Oncology 1993;52:197-202.
7. Surgical precision: computerised neurosurgical audit.
Chandler CL & Bell BA.
British Journal of Healthcare Computing 1993;10:18-20.
8. Interactive image directed neurosurgery: A report of the first 100 cases in Europe of frameless stereotaxy.
Chandler CL, Coakham IIB, Sandeman DR.
British Journal of Surgery 1993;80 (suppl):S55.
9. The use of monoclonal antibodies in treatment of malignant disease of the central nervous system.
Hopkins K, Chandler CL, Kemshead JT.
Life Science Advances-Oncology 1993;12:121-127.
10. Primary malignant schwannoma causing spinal cord compression.
Chandler CL, Wilkins P, Uttley D & Kavanaugh T.
British Journal of Neurosurgery 1994;8:341-345.
11. Imaging after titanium cranioplasty.
Chandler CL, Archer D A, Uttley D & MacVicar D.
British Journal of Neurosurgery 1994;8:409-414.
12. Advances in image directed neurosurgery: Preliminary experience with the ISG Viewing Wand compared with the Leksell G frame.
Sandeman DR, Patel N, Chandler CL, Nelson RJ, Coakham HB, Griffith HB.
British Journal of Neurosurgery 1994;8:529-544.
13. Distribution of radioimmunoconjugate binding following intratumoral injection of ⁹⁰Yttrium labelled monoclonal antibody.
Chandler CL, Hopkins K, Moss T, Kemshead JT.
Neuropathology and Applied Neurobiology 1994;20:503.

14. The role of intrathecal monoclonal antibody treatment in PNET patients with leptomeningeal and CSF relapse.
Chandler CL, Hopkins K, Coakham HB, Bullimore J, Kemshead JT.
Child's Nervous System 1994;10:405.
15. Pharmacokinetics and dose estimates following intrathecal administration of ^{131}I monoclonal antibodies for treatment of central nervous system malignancies.
Papanastassiou V, Pizer BL, Chandler CL, Zananiri FAF, Kemshead JT, Hopkins K.
International Journal of Radiation Oncology Biology, and Physics 1995;31:541-552.
16. Assessment and management of the severely head injured patient in the A+E department.
Chandler CL & Cummins B.
British Journal of Hospital Medicine 1995;53:102-108.
17. A pilot study of the treatment of patients with recurrent malignant gliomas with intratumoral ^{90}Y trium radioimmunoconjugates.
Hopkins KI, Chandler CL, Bullimore J, Sandeman DR, Coakham HB, Kemshead JT.
Radiotherapy and Oncology 1995;34:121-131.
18. Treatment of diffuse leptomeningeal malignancy by intrathecal injection of ^{131}I radioimmunoconjugates.
Kemshead JT, Hopkins KI, Chandler CL.
Recent Results in Cancer Research 1995;141:57-70.
19. Targetted intrathecal treatment of patients with CNS malignancy: A review
Chandler CL, Hopkins K, Kemshead JT.
(In preparation)

PRESENTATIONS/POSTERS

1. A comparison of Cefoxitin vs Metronidazole as prophylaxis in appendicitis: A preliminary report.
Chandler CL, Cawthorn S, Midwood CJ & Gazet, J-C.
Association of Surgeons in Training Meeting. Epsom Hospital, 1988.
2. Malignant schwannoma arising within a benign neurofibroma.
Chandler CL.

Chandler CL, Cawthorn S, Midwood CJ & Gazet, J-C.
Association of Surgeons in Training Meeting. Epsom Hospital, 1988.
2. Malignant schwannoma arising within a benign neurofibroma.
Chandler CL.
Royal Society of Medicine, Clinical Section, March 1990.
3. Imaging and titanium cranioplasty.
Chandler CL, Archer DJ & Uttley D.
Royal Society of Medicine, Section of Neurology, February 1992.
4. Clinical neuroscience audit in a regional centre.
Chandler CL & Bell BA.
Seminar on medical audit. St George's Hospital Group, May 1992.
5. Regional neurosurgical audit.
Chandler CL & Bell BA.
South West Thames Regional Meeting on Medical Audit.
New East Surrey Hospital, September 1992.
6. Radiolabelled monoclonal antibody treatment of primitive neuroectodermal tumours.
Chandler CL, Hopkins K, Coakham HB, Sandeman DR,
Bullimore J, Kemshead JT. ICRF Annual Colloquium, Warwick, March 1993
7. Treatment of recurrent malignant gliomas with ^{90}Y radioimmunoconjugates.
Hopkins K, Chandler CL, Coakham HB, Sandeman DR, Bullimore J, Kemshead JT. ICRF Annual Colloquium, Warwick, March 1993
8. Titanium: The ideal material for cranioplasty.
Chandler CL, Uttley D, Archer DJ. 2nd International Conference on Medical and Biological Implant Technology. Coventry, 21 April 1993
9. Monoclonal antibody targeted therapy: The conundrum.
Chandler CL. Southwestern Regional Neurosciences Meeting
Frenchay Hospital, 5 May 1993
10. Titanium cranioplasty: Post operative radiology.
Chandler CL, Archer DJ, Uttley D, MacVicar D.
Society of British Neurosurgeons. Nottingham, 28 May 1993
11. Interactive image directed neurosurgery: A report of the first 100 cases in Europe of frameless stereotaxy.
Chandler CL, Coakham HB, Sandeman DR.
3rd European Congress of Surgery, London, 15 Sept. 1993.
12. Technical aspects of the ISG Allegro wand.
Chandler CL, Coakham HB, Sandeman DR.
3rd European Congress of Surgery, London, 17 Sept. 1993.

13. Experiences and developments in the use of the ISG Allegro Wand.
Chandler CL, Coakham HB, Sandeman DR.
Reunion d'Hiver de la Societe Neurochirurgie Francais. Val D'Isere.
27 January 1994
14. Distribution of radioimmunoconjugate binding following intra-tumoral injection of ^{90}Y labelled monoclonal antibody.
Chandler CL, Hopkins K, Moss T, Kemshead JT.
British Neuropathological Society. Nottingham, 14 July 1994.
15. The role of intrathecal monoclonal antibody treatment in PNET patients with leptomeningeal and CSF relapse.
Chandler CL, Hopkins K, Coakham HB, Bullimore J, Kemshead JT.
International Society of Paediatric Neurosurgeons
Birmingham 26 Sept 1994
16. Intrathecal ^{131}I monoclonal antibody (MoAb) therapy for leptomeningeal primitive tumours (PNET).
Pizer BL, Chandler CL, Papanastassiou V, Coakham HB, Kemshead JT.
International Society of Paediatric Oncology (SIOP)
Montevideo 10 October 1995
17. Immediate management of severe head injuries.
British Association of Immediate Care.
Bristol, 6 October 1996
18. Epilepsy surgery in children; seventeen years experience.
Chandler CL, Polkey CE.
Society of British Neurosurgeons.
Cambridge. 4 April 1997
19. Resection of hypothalamic hamartoma for intractable epilepsy.
Polkey CE, Chandler CL, Doshi P, Al Sarraj A.
American Epilepsy Society
Boston, 8 December 1997