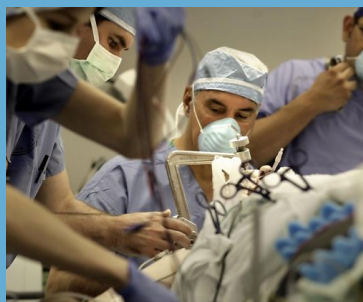
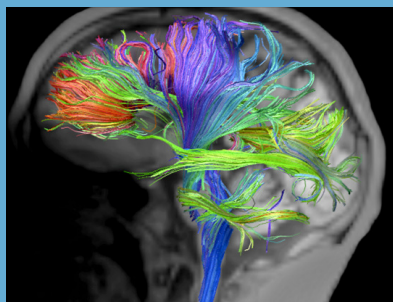




VICTOR HORSELY DEPARTMENT OF NEUROSURGERY
THE NATIONAL HOSPITAL FOR NEUROLOGY AND NEUROSURGERY
QUEEN SQUARE, LONDON



LIVE SURGERY FROM
3 COUNTRIES
INTERACTIVE
3-D ANATOMY SHOWS
MASTERS' SEMINARS
PRACTICAL WORKSHOPS
EXPERTS'
ROUND TABLES
CASE DISCUSSIONS
WITH THE MASTERS



2ND ANNUAL WORLD COURSE IN ADVANCED TECHNIQUES IN NEUROSURGICAL ONCOLOGY

FOR NEUROSURGEONS AND TRAINEES

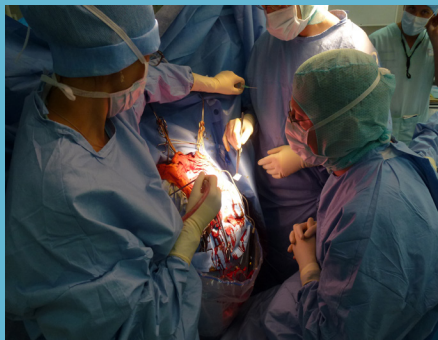
THURSDAY 11 JULY - SUNDAY 14 JULY 2013
EDUCATION CENTRE
UNIVERSITY COLLEGE LONDON HOSPITALS
LONDON, UK

2ND ANNUAL WORLD COURSE IN ADVANCED TECHNIQUES IN
NEUROSURGICAL ONCOLOGY

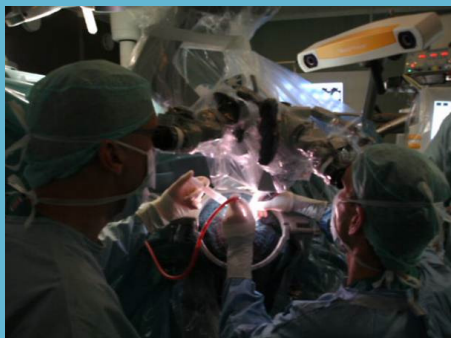
**THURSDAY 11 JULY 2013 - LIVE SURGERY FROM USA,
FRANCE AND GERMANY**



Professor **Mitchell Berger** in the Operating Room at the UCSF Medical Centre



Professor **Hugues Duffau** in the Operating Room in Montpellier performing one of his supra-complete resections of a LGG



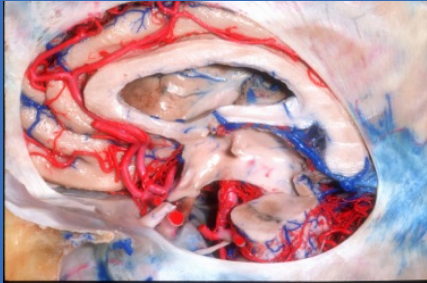
Professor **Walter Stummer** during a Gliolan-guided resection of a HGG

Time	Speaker/Topic	Venue
8:00-8:30	Registration and coffee - Introduction to the course, Mr George Samandouras, London	1st Floor West
8:30-11:30	Watch the masters operate live Live surgery from France Prof. Duffau, Montpellier, France Awake craniotomy for LGG Tumour excision with cortical mapping without neuronavigation	1FW
11:30-12:00	Brunch	1FW
12:00-15:00	Watch the masters operate live Live surgery from Germany Prof. Stummer, Munsten, Germany Awake craniotomy for HGG Fluorescent (Gliolan) guided resection with SSEPs and MEPs	
15:00-15:30	Late Lunch	1FW
15:30-18:30	Watch the masters operate live Live surgery from USA Prof. Berger, San Francisco, USA Awake craniotomy for LGG Tumour excision with cortical mapping and neuronavigation	1FW
20:00-23:00	Drinks Reception	

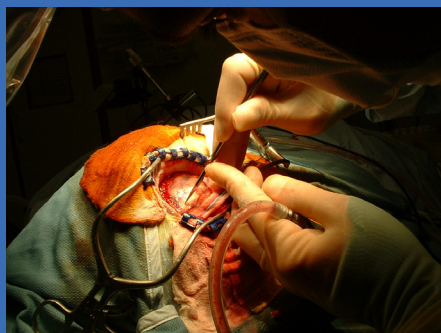


The glass **Education Centre** of the University College London Hospitals, 250 Euston Road, venue of the Course.

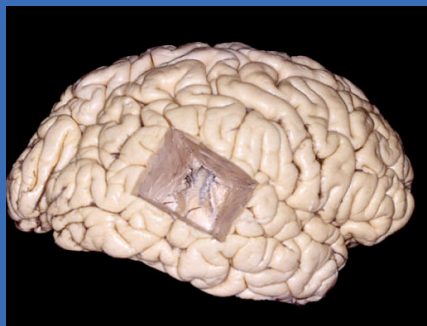
**FRIDAY 12 JULY 2013 - 3D-ANATOMY SHOWS AND
3D VIDEO PRESENTATIONS**



Watch more than 9 hours of breathtaking 3D anatomy presentations and videos that systematically describe all critical surgical anatomy related to tumours.



Develop a 3D vision of deep brain structures during surgical approaches



Learn the safe cortical entry points to deep-seated lesions from top experts

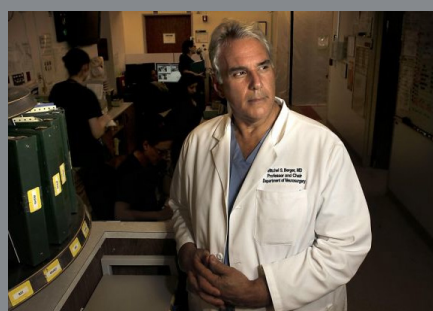
Time	Speaker/Topic	Venue
8:00-8:15	Introduction to Anatomy Sessions Mr George Samandouras, UK	1FW
8:15-9:15	Interactive 3D Anatomy Show Surgical Anatomy of the brain architecture Prof Guilherme Ribas, Brazil	1FW
9:15-10:15	Interactive 3D Anatomy Show Surgical anatomy and importance of the sulci and gyri of the cortical surface Prof Guilherme Ribas, Brazil	1FW
10:00-10:20	Coffee Break	1FW
10:20-11:20	Interactive 3D Anatomy Show The insula and the Sylvian fissure Dr Antonio Mussi, Brazil	1FW
11:20-12:20	Interactive 3D Anatomy Show The temporal lobe Dr Antonio Mussi, Brazil	1FW
12:20-13:30	Interactive 3D Anatomy Show Surgical anatomy of the lateral, third and fourth ventricles Dr Antonio Mussi, Brazil	1FW
13:30-14:00	Lunch	1FW
14:00-15:00	Interactive 3D Anatomy Show Microneurosurgical approaches to gyral and to lobar intrinsic lesions Prof Guilherme Ribas, Brazil	1FW
15:00-16:00	Interactive 3D Anatomy Show Anatomical corridors to deeply-seated intrinsic lesions Prof Guilherme Ribas, Brazil	1FW
16:00-16:20	Coffee Break	1FW
16:20-18:00	Interactive 3D Anatomy Videos Surgical anatomy of eloquent white matter tracts and fascicles Professor Ugur Türe, Turkey	1FW
18:00-18:30	Putting it all together Prof Guilherme Ribas, Brazil	1FW
20:00-23:00	Buffet dinner and drinks	

2ND ANNUAL WORLD COURSE IN ADVANCED TECHNIQUES IN
NEUROSURGICAL ONCOLOGY

**SATURDAY 13 JULY 2013 - MASTERS' SEMINARS (AM)
AND PRACTICAL WORKSHOPS (PM)**



Professor **Hughus Duffau** will discuss his operative technique for "supra-complete" resections of LGGs



Professor **Mitchell Berger** will share his techniques that changed the practice of neurosurgical oncology worldwide



The man who introduced Gliolan in Neurosurgery, Professor **Walter Stummer** will discuss his unique techniques in London.

Time	Speaker/Topic	Venue
8:00-8:50	The Master's Seminar Prof. M. Berger, USA How I do awake craniotomies for LGG	1FW
8:50-9:00	Discussion	1FW
9:00-9:50	The Master's Seminar Prof. H. Duffau, France My techniques in awake craniotomies for LGG	
9:50-10:00	Discussion	1FW
10:00-10:50	The Master's Seminar Prof. W. Stummer, Germany How I use Gliolan for resection of HGG	1FW
10:50-11:00	Discussion	1FW
11:00-11:20	Coffee	1FW
11:20-12:00	The Master's Seminar Prof. Ugur Türe, Turkey How I remove brain-stem and thalamic gliomas	1FW
12:00-12:10	Discussion	1FW
12:10-12:50	The Master's Seminar Mr A. McEvoy, UK What I have learned during 4 years in the intra-operative MRI suite	1FW
12:50-13:00	Discussion	1FW
13:00-13:50	The Master's Seminar Dr Andrea Szelenyi, Germany Intra-operative monitoring for Neurosurgeons; established and promising new techniques.	1FW
13:50-14:20	Lunch	1FW
14:20- 16:00	Practical Hands-on Workshops, Part I <ul style="list-style-type: none"> • Cortical Stimulation • Ultrasonic Aspirators • Gliolan-guided Resections • Advanced Neuronavigation 	1FW
16:00-16:20	Coffee	1FW
16:20-18:30	Practical Hands-on Workshops, Part II <ul style="list-style-type: none"> • Cortical Stimulation • Ultrasonic Aspirators • Gliolan-guide Resections • Advanced Neuronavigation 	1FW
20:00-23:00	Formal Dinner with the Faculty	

2ND ANNUAL WORLD COURSE IN ADVANCED TECHNIQUES IN
NEUROSURGICAL ONCOLOGY

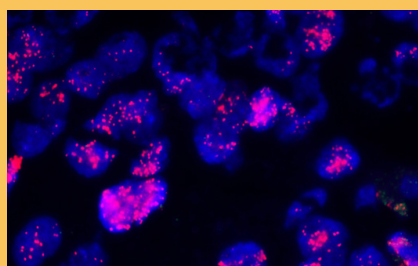
**SUNDAY 14 JULY 2013 - MASTERS' SEMINARS (AM) ROUND
TABLES AND CASE PRESENTATIONS (PM)**



Find out what's the **latest research** in biology and treatment of gliomas



Professor **Roger Stupp** the man who led the landmark Temozolamide trial, published in the New England Journal of Medicine



Professor **Andreas von Deimling** a leading expert in molecular genetics of gliomas will discuss molecular classification schemes and impact on treatment

Time	Speaker/Topic	Venue
8:00-8:50	The Master's Seminar Prof. R. Stupp, Switzerland Basic research and clinical trials in neuro-oncology; how our clinical practice will be in the next decade	1FW
8:50-9:00	Discussion	1FW
9:00-9:50	The Master's Seminar Prof. M. Berger, USA Extent of resection and outcomes in gliomas; my clinical and research experience	1FW
9:50-10:00	Discussion	1FW
10:00-10:50	The Master's Seminar Prof. A von Deimling, Germany Insights to glioma treatments from research labs around the world	1FW
10:50-11:00	Discussion	1FW
11:00-11:20	Coffee	1FW
11:20-12:10	The Master's Seminar Prof. R. Stupp, Switzerland The Glioblastoma code; why is it so difficult to crack?	1FW
12:10-13:30	Round Table I Prof M. Berger - Prof H. Duffau - Dr J. Rees Modern management of LGGs: the evidence and the reality	1FW
13:30-14:00	Lunch	1FW
14:00-15:00	Ask the Masters Challenging case presentations from the delegates (please visit the website for details)	1FW
15:00-16:00	Round Table II Prof. R. Stupp - Prof A. von Deimling - Prof M. Berger The crystal ball; what the future holds for the management of gliomas	1FW
16:00-16:30	Feedback and Conclusions	1FW

**COURSE PLACES ARE STRICTLY LIMITED!
EARLY REGISTRATION IS ADVISED.**

HOW TO SECURE A PLACE

READ THE DELEGATES' FEEDBACK FROM LAST YEAR'S COURSE (JULY 2012)

On the course overall:

"Excellent opportunity to change way of thinking of neuro-oncological surgery from the masters" - "Great topics. Nice mix of theoretical and practical classes" - "Great combination of theory and hands-on" - "Very interactive" - "Very high educational value" - "Ability to interact with very approachable teachers" - "High relevance and intensity"

On the Masters Seminars:

"Invaluable, very relevant for daily practice" - "Done by masters! Useful range of topics. Would influence my practice" - "Very in-depth analysis of their subject. Ability to interact during the lecture" - "Relevant and high quality" - "Excellent" - "Impressive" - "Excellent speakers, comprehensive topics" - "Very relevant and covering a lot of ground" - "Of great value" - "Masterful!" - "The idea of having experts is smashing"

On the Practical Workshops:

"Amazing" - "Good supervision by masterful surgeons" - "Useful" - "Excellent" - "Very well done. Good choice of topics" - "Very good" - "Well-done" - "Excellent" - "Very well organized. Good place to do workshops"

On Lunch breaks / Formal dinner with Faculty:

"Impressive" - "Well-timed, snacks very delicious" - "Great" - "Perfect" - "Very nice" - "It was marvellous! Fancy and the best place I've ever eaten" - "Great" - "Fabulous" - "Excellent location, fantastic food and wine, I will visit again" - "Perfect location, perfect food".

COURSE FEES INCLUDE
Participation to the full activities of the Course
Course materials
Complementary registration bag
Complementary memory stick with all lectures of the Course
Coffee breaks and lunch
Drinks reception on 11 July in a London hotel
Drinks and nibbles on 12 July in a trendy London bar
Formal dinner with the Faculty on 13 July in a luxurious London restaurant

PAYMENT METHODS

Last year the course places were booked within days. It is strongly advised that you book your place as soon as possible.

1. You can book your place and make a payment online at www.uclhcharitycourses.com
 - The system will allow you to make payment only if there is an available place.
2. For additional payment methods (cheques or bank transfers) please contact Ben Hadfield below.

COURSE FEES	
Delegate Status	4-day Course fees and Social activities
Qualified Neurosurgeons	£ 990
Residents-Fellows	£ 790

ADDITIONAL INFO

- For info related to **PAYMENTS** please contact: Ben Hadfield, UCLH Charity Fund **Email** Ben.Hadfield@uclh.nhs.uk **Tel** +44(0) 20 3447 9961
- For info related to the **COURSE** please contact Hilda Wilson **Email** Hilda.Wilson@uclh.nhs.uk **Tel** +44(0) 20 3448 3410
- For info related to the **COURSE VENUE** please contact Victoria **Email** Victoria.Wilton-Oluwole@uclh.nhs.uk **Tel** 0203 447 7646



House of Parliament and Big Ben

Visit the course website
www.neurosurgery-courses.com

2ND ANNUAL WORLD COURSE IN ADVANCED TECHNIQUES IN NEUROSURGICAL ONCOLOGY

ACCOMMODATION AND TRAVEL INFORMATION

COURSE VENUE The Course takes place at “The Learning Hospital” of the Education Centre, University College London Hospitals. The Learning Hospital is a **state-of-the art** teaching and training facility equipped with the latest technology for hands-on training for surgical and medical specialties. The Education Centre is at 250 Euston Road, at **the heart of central London**, minutes away from the world-famous Wellcome Collection of Medicine and Art, the British Library, Madame Tussaud’s and Oxford Street.



The UCH Education Centre,
1st Floor West
250 Euston Road, London,
NW1 2PG, UK

HOTELS

There are dozens of hotels within a radius of less than half a mile from the venue. Delegates should make bookings directly with the hotels. The website www.booking.com offers good booking services. Please be aware that millions of tourists visit London every month. Early booking is advised.



St Pancras Renaissance Hotel *****
(0.6 miles)



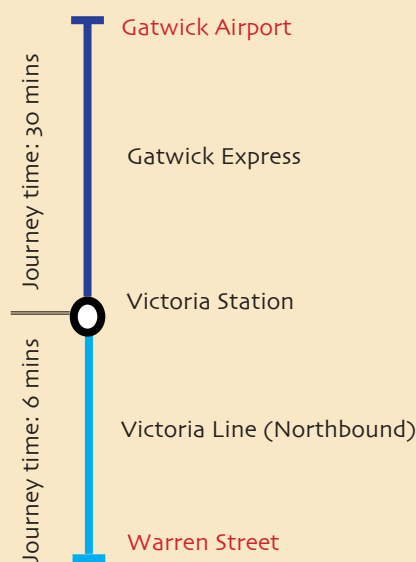
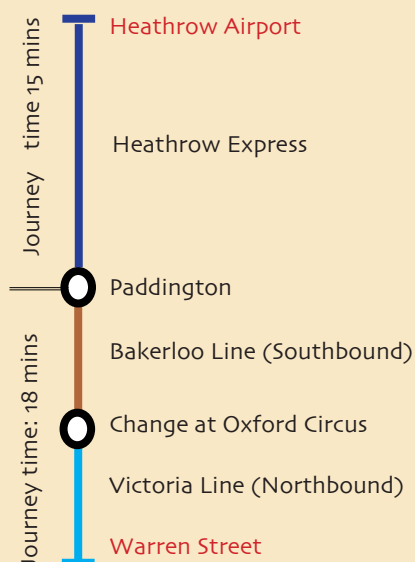
Radisson Blu Edwardian ****
(0.1 miles)



Premier Inn London Euston ***
(0.5 miles)

VISAS For VISAS requirements please go to www.ukba.homeoffice.gov.uk/visas-immigration

TRAVEL IN LONDON London has excellent public transport services. Most people living in London prefer to use the underground system called “the tube”. Below are fast ways to get from Heathrow and Gatwick airports to the course venue (served by two tube station Warren Street and Euston Square). The black circles in the routes below indicate change of train line at a station. Taxis are usually easy to find in London.



USEFUL LINKS

UCLH Education Centre
www.ucheducationcentre.org

All types of transport in London
www.tfl.gov.uk

Official London Visitors' guide
www.visitlondon.com

2ND ANNUAL WORLD COURSE IN ADVANCED TECHNIQUES IN NEUROSURGICAL ONCOLOGY

COURSE FACULTY



Professor **Mitchell S. Berger** is President of the American Association of Neurological Surgeons (AANS). Dr. Berger is chairman of the University of California, San Francisco's (UCSF) Department of Neurological Surgery and is the Kathleen M. Plant Distinguished Professor. He is also the director of the Brain Tumour Research Centre at UCSF. Dr Berger is a pioneer of cortical mapping and surgery in eloquent areas of the brain. His research, articles and books have changed the practice of neurosurgical oncology worldwide.



Professor **Hugues Duffau** is Chairman of the Department of Neurosurgery in Montpellier. He is the youngest recipient of the prestigious Olivecrona medal in Neurosurgery for his outstanding contributions in the surgery of Low Grade Gliomas. Prof Duffau has pushed the limits of resection on LGGs to achieve "supra-complete" resections even in eloquent areas of the brain where other surgeons perform only biopsies. His most recent book "Brain Mapping" explores insights of brain plasticity from cortical mapping and brain surgery.



Professor **Walter Stummer** is the surgeon who introduced the use of Gliolan (5-ALA) in the resection of HGGs. He has published extensively in the field of Neurosurgical Oncology. He is Head of the Department of Neurosurgery at the University of Munsten, Germany.



Professor **Ugur Türe** is a leading expert in dissection and anatomy of white matter tracts. He runs very successful international brain dissection courses and he lectures worldwide. He is Chairman of the Department of Neurosurgery in Istanbul, Turkey.



Professor **Guilherme Ribas** Sao Paulo, Brazil is an international authority on the cortical and sub-cortical anatomy of the brain. He is the first person who introduced the use of 3D images in brain anatomy. He is a sought after speaker in conferences and workshops around the world.



Mr **Andrew McEvoy** has extensive experience in awake craniotomies for epilepsy and tumours. He performs a high volume of cases at the Intra-operative MRI suite at Queen Square. He has featured in many television programs.



Dr **Antonio Mussi** has spend numerous years exclusively performing brain dissections with Albert Rhoton in Florida, USA. He runs successful neuroanatomy courses in Brazil and Portugal. He practices neurosurgery in Brazil.



Professor **Andrea Szelenyi** is Head of Clinical and Intra-operative Neurophysiology in the Neurosurgical Clinic at the University Hospital Düsseldorf, Germany. Her work on MEPs and the effects of stimulation parameters in tumour surgery has earned top research awards.



Professor **Roger Stupp** is Head of the Department of Oncology at the University of Lausanne. He led the investigations that established temozolamide chemotherapy and determined the predictive value of MGMT gene promoter methylation. He is the Vice President of the EORTC.



Professor **Andreas von Deimling**, University of Heidelberg, Germany is a leading expert in molecular genetics of brain tumours working on new molecular classification schemes. He participates in the International Cancer Genome Consortium (ICGC).



Dr **Jeremy Rees** is the Director of the Brain Tumour Unit at Queen Square. He was the first neurologist in the UK with sub-specialization in Neurooncology. He is involved in numerous trials and research projects.

COURSE DIRECTORS



Mr **George Samandouras**, London, UK
Consultant Neurosurgeon, Victor Horsley Department of Neurosurgery
The National Hospital for Neurology and Neurosurgery,
Queen Square, London



Mr **Robert Bradford**, London, UK
Consultant Neurosurgeon, Victor Horsley Department of Neurosurgery
The National Hospital for Neurology and Neurosurgery
Queen Square, London



Mr **Neil Kitchen**, London, UK
Consultant Neurosurgeon, Victor Horsley Department of Neurosurgery
The National Hospital for Neurology and Neurosurgery
Queen Square, London

Visit the course website
www.neurosurgery-courses.com