



Newsletter August 2016

Society of British Neurological Surgeons

A Message from the President



Richard Kerr
SBNS President

I am sitting waiting for a flight back to London having been at the Surgical Forum meeting in Dublin, with all the Presidents from the four Royal Colleges and from the Specialty Associations. The topic of discussion: Who owns the data from the various registries and audits?

Implicit from the presentations and the subsequent debate, was that the data should be used to try to drive the quality agenda to improve patient outcome, and that it should not simply be a management tool. For the data to achieve this, for example from HES, requires a lot of very careful analysis to ensure the data is not only accurate, but presented in a way that is useful and understandable, and if possible, searchable.

The NNAP programme I think provides all of this and is gathering momentum. Plans are well under way for the next COP presentation, and of course another year's data will soon be added to the iNeurosurgery database. This really is becoming a jewel in the neurosurgery crown, and as Sir Bruce Keogh indicated when it was presented to him, Neurosurgery has leapfrogged many of the other disciplines and is now considered a leader in the field.

Alongside NNAP is of course the GIRFT initiative. That too is moving forward in a positive way. Nick Phillips is leading this on behalf of the SBNS, and Justin Nissen has agreed to work with Nick on the spinal aspects of the project, with Mike Hutton, an orthopaedic surgeon from Exeter tasked to consider delivery of spinal surgery. It is intended that all the neurosurgical units will be visited by the GIRFT team in the autumn.

Paul May, the next SBNS president is working hard as chair of the Trauma Programme of Care Board with the changes in the commissioning and reorganisation of the CRG's. As I think you will know, the number of CRG's has been reduced very considerably, the composition of the teams being limited to a much more prescribed number. We are trying to make sure that neurosurgery is appropriately represented at all levels, to make sure that those who deliver the services are in a position to influence their commissioning and planning. This applies to the guideline development committees of NICE as well.

The delivery of SRS / SRT services continues to be of concern. The decision to fragment the services into Tiers 1-4, with Trigeminal Neuralgia being in Tier 4, does result in potentially elderly and frail patients having to travel a very large distance for treatment to be delivered. At the moment there does not seem much scope for further negotiation of this, but the increased number of units able to do Tiers 1 and 2 is very encouraging. Thanks to all who lobbied for this. We must continue however to argue for more centres to be able to provide local care for their patients with conditions limited to Tiers 3 & 4.

It seems likely that the CJD guidance will be published later this year. I believe it is in the final stages of preparation and clearly we look forward to that to clarify the actions we should be taking.

The changes at the English College with Project 2020 are moving at pace. It seems very likely that the SBNS office will have to leave its current home for a period of 3 years, with a view to returning to the new premises in 2020. There is much debate with the other associations regarding the detail of the relocation and the return, but it seems unlikely that we would be able to find other premises in central London for the same rent. I think we will be returning to the revamped RCS in 2020.

The SBNS meetings continue to be very popular, with record numbers of colleagues and members attending the excellent conference in Newcastle. As I suggested at the Gala dinner, the Society, I think, provides a level of support and corporate identity that is somehow lacking in the hospitals where we all work. This is an important role for the SBNS, and with the increasing pressure on clinical staff and potentially shortened training times, now more than ever, the SBNS must provide strong leadership in all issues concerning teaching, training, standards and service development.

Paul May, the next SBNS president is working hard as chair of the Trauma Programme of Care Board with the changes in the commissioning and reorganisation of the CRG's.

The SBNS council continues to hold one meeting outside London, the last being in Wales hosted by the Cardiff Unit, arranged by John Martin. Attended by clinicians, managers, directorate leads as well as the SBNS council, again I found this an excellent forum to learn of the issues, to exchange ideas and to support local colleagues in their quest to improve and enhance services. Thanks again John to you and your colleagues for an excellent meeting.

Looking forward, there is much to do, but the spirit of the SBNS feels very strong and vibrant. In place are the training boot camps, the annual Neurotrauma meeting, the NANSIG study day, the new SBNS Research meeting to promote the fantastic networked initiatives and other superb training meetings arranged by colleagues around the country, together with meetings in Telford, Oxford and Liverpool. We have also been invited to friendship meetings with the German Society followed by the Spanish Society in Barcelona, these both being held in the spring. This of course is not to mention the potential impact of the decision to leave Europe and the new administration in Number 10. Only time will tell the full impact of those changes.

So as I prepare to hand over the reins to Mr May in September, enormous thanks to all the hard work from council and colleagues around the whole country, I feel that the Society is in good shape and well placed to take on the future challenges as this year we celebrate the 90th birthday of the inaugural meeting of the SBNS.

On a more personal note, I would like to offer thanks to all who have provided help and support to me over the last 2 years. Without that, the job would be impossible. So a heartfelt thanks to all.

Finally, I wish every success to Paul in his presidency and I hope and expect that he will get as much enjoyment and fulfilment from the role as I have.

With very best wishes and deepest regards to all.

Welcome to New Members

The following members were ratified at the SBNS Business Meeting held on the 21 April 2016 during the SBNS Spring Meeting in Newcastle

Full

Yahia Al-Tamimi	Sheffield
Farooq Aziz	Middlesbrough
Titus Berei	Plymouth
Shafqat Bukhari	Salford
Amedeo Calisto	Oxford
Naeem Farooqi	Birmingham
Athanasios Grivas	Glasgow
Damian Holliman	Newcastle
Tim Jones	London
C Kaliaperumal	Edinburgh
Shahid Siddique	Coventry
Ahmed Toma	NHNN
James Walkden	Aberdeen

Associate

Ala'a Almousa	London
Jarnail Bal	London
Harsh Bhatt	Cardiff
Nicholas Borg	Southampton
Alexandros Boukas	Oxford
Suparna Das	Plymouth
Ben Davies	Salford
Ben Fisher	Birmingham
Mitchell Foster	Liverpool
Ben Gaastra	Southampton
Husam Georges	Hurstwood Park
Laurence Glancz	Nottingham
Sam Hall	Southampton
Patricia Haylock-Vize	Bristol
Saqiba Jadoon	Stoke
Ahilan Kailaya-Vasan	London
Pratipal Kalsi	James Cook
Amad Khan	Southampton
Thomas Land	Norwich
Aimee Lawson	Leeds
Jack Penn	London
Jonathan Poots	Belfast
Kapil Rajwani	London
Stuart Roberts	London
Jon Sen	North Midlands
Naomi Slater	Birmingham
Geoffery Tipper	London
Ravindran Visagan	London
Adam Wahba	Norfolk
Anthony Wiggins	Aberdeen
Malik Zeban	Wales

Affiliated

Hayder Albaqer	Cardiff
Muhammad Ali	Brighton
Ahmed Aly	London
Amr Nimer Amr	Germany
Kenneth Burns	Nottingham
Phillip Copley	Cambridge
Amin Elyas	London
Daniel Fountain	Cambridge
Ruben Geevarghese	London
Christos Gkolemis	London
Gilbert Gravino	Ipswich
Cathal Hannan	Belfast
Chris Hogan	Romford
Rose Ingleton	Romford
Nithish Jayakumar	London
Taha Lilo	Preston
Joseph Merola	Cardiff
Sermed Mezher	Manchester
Lalin Navaratne	London
Adam Nunn	London
Michael Poon	London
Devika Rajashekar	Plymouth
Lucas Rakasz	New Zealand
Fozia Saeed	Leeds
Sara Taha	London
Mueez Waqar	Salford
Matthew Welch	Oxford

International

Qadamkhear Hama	Iraq
Ali Hashim	Iraq
Tim Killeen	Switzerland

Senior

Lal Gunasekera	Haywards Heath
Bruce Mathew	Hull
Mohan Sankaran	Staffordshire

SBNS Medal



The 13th SBNS medal was awarded posthumously to Sam Galbraith at the gala dinner during the SBNS Spring Meeting in Newcastle. It was accepted by his wife Nichola Tennant and his daughter Mhairai Galbraith. A book about Sam's life has recently been published entitled:

Remembering Sam: The Life and Times of Sam Galbraith

Sam Galbraith was first a highly talented neurosurgeon and then a notable politician and this new book recounts his remarkable life and exceptional achievements.

Sam combined clinical training in Glasgow with research that changed how head injuries were managed. He became a consultant in 1979 at the then exceptionally early age 33. Those fortunate enough to be trained by Sam remember him as an outstanding technical surgeon, an excellent teacher and an entertaining, iconoclastic lecturer. The sheer number of people who he inspired belies the fact that he only practised at consultant level for less than ten years before his wish to make a difference on a wider scale drew him to politics.

At 42 he became a Labour Member of Parliament but then, although he had been a skilled mountaineer, he developed pulmonary fibrosis and within two years had to undergo a lung transplant. Nevertheless, he went on to hold ministerial posts in Westminster and then in the new Holyrood Parliament. His achievements included highlighting the relation between deprivation and illness and the initiation of the separate, distinctive pattern of the NHS in Scotland.

After he died in 2014, in recognition of his unique contributions, the SBNS awarded the Society medal to Sam in April 2016.

The book brings together memories from his colleagues, friends and family. It provides insight into Sam's character and personality, how he contributed so much and why he inspired such widespread respect and deep affection.

Each chapter is written by someone who knew him in one of the many different aspects of his life and is peppered with amusing anecdotes. His story is told in each writer's words, but also in some of his writings which are included in the book.

The book was published in May 2016 and more information, including a link through which it can be purchased, is available at www.rememberingsam.co.uk.

Prof. Sir Grahame Teasdale

Vice President and Newly Appointed Council Members



Tom Cadoux-Hudson, John Radcliffe Hospital, Oxford

I look forward to the challenge of taking on the role of Vice-President for the Society of British Neurological Surgeons at a time of significant change in Health Care, the NHS and Neurosurgery. I have a specific interest in developing Spinal training with input from both Neurosurgery and Orthopaedics.

I enjoyed my time as Chairman of the Neurosurgery Exam Board and more recently Chairman of the SAC for Neurosurgery. My time at the SAC will come to a close in December 2016 after initially starting as the Junior Rep in 1994/5! Great changes have occurred in surgical training over those two decades, many pioneered by Neurosurgery.



Colin Watts, Addenbrooke's, Cambridge

I am delighted to be elected to the SBNS council where I look forward to contributing to the development of neurosurgery in the UK including neurosurgical oncology, my own area of specific interest.



Nigel Mendoza, Charing Cross Hospital, Imperial NHS Healthcare Trust

It is a great honour and privilege to have been nominated to council. In an ever changing world there are and will be many challenges in ensuring that the practice of neurosurgery and training is the best there can be in the UK. Certainly when I look back over my consultant career to date the change has been immense. I look forward to working with my colleagues on council to meet these challenges.



Mr Surajit Basu – University Hospital, QMC, Nottingham

My sincere thanks to the members of the SBNS and Mr Richard Kerr, president for allowing me this opportunity. We face considerable challenges with ever changing expectations of a consultant's role, seven day NHS, junior contract, Brexit to mention a few while trying to formulate the best possible service provisions for our patients. I will strive to contribute all that I can towards achieving our common goals.



Mr Christos Toliadis – Kings College Hospital, London

I am delighted and honoured to have gained the vote of my colleagues and become a member of the SBNS council. I have been working as SBNS Meetings secretary and appreciate fully the complexity and importance of the challenges facing the society. I will try to continue assisting as best as I can.

Congratulations



Norman Dott Medal Winner

Omar Pathmanaban was awarded the Norman Dott Medal for the most outstanding performance at the Inter-collegiate Specialty Examinations in Neurosurgery held during 2015.



Jr Barrow Prize winner

Imran Noorani was awarded the Junior Barrow Foundation Fellowship for his outstanding performance as top ranked candidate at National Neurosurgical selection for ST1s.

The prize allows both winners to visit the Barrow Neurological Institute in Phoenix Arizona for a two week observership.

Congratulations to all

SBNS BOOT CAMP FOR ST3s

The SAC has now approved the ST3 year BOOT CAMP to be held in Coventry. The dates are Monday 28th November to Sunday 4th December 2016.

The Venue: Clinical Science Building (CSB) and West Midlands Surgical Training Centre (Cadaver lab) based at University Hospitals in Coventry and Warwickshire, in Coventry.

It is aimed at the ST3 trainees selected through Neurosurgery National Selection Process and is compulsory for all ST3 Trainees.

Aim of the BOOT CAMP: The Boot Camp offers:

- Simulation training in consenting and positioning for Basic Neurosurgery Cranial and spinal approaches

We are using operating tables and mannequins/actors for positioning simulation.

- Regional Anatomy lectures for the approaches that are covered.

- Hands on exercise on cadavers for these approaches. We are aiming to introduce tumour simulation in cadavers for the first time in UK.

We will be using Neuro-navigation for cranial approaches and image intensifiers for spinal approaches.

The approaches covered are: Cranial: Bifrontal, Trauma (Pterional) flap, Parasagittal, Occipital/Trans-nasal Trans-sphenoidal endoscopic and posterior fossa craniectomy.

Spinal: Anterior Cervical approach (ACDF), Posterior Cervical approaches (laminectomy and foraminotomy) and Posterior Lumbar approaches (Micro-discectomy and laminectomy).

Since there are expected to be 28-30 trainees I plan to run the course in two parallel sessions as we cannot accommodate 30 trainees in the cadaver lab at one time. I would therefore need at least 10-12 trainers each day (5 for CSB and at least 5-7 for the cadaver lab) for the course. I therefore request all TPDs and SAC members

to keep these dates in mind. Even if they can come for only 1-2 days it would help. Trainer's accommodation would be taken care of by the host unit.

I would also request the TPDs and SAC members to kindly ensure that leave applications of all ST3 trainees are granted. Since it is a cadaver course (very expensive to run) and is being offered complimentary to trainees, it is essential that all ST3 trainees attend. They should be encouraged and allowed to use their deanery funding to book accommodation for 6-7 days as the rest of the expenses are being taken care of by the host unit.

I hope to see you in November.

Mr Amar Saxena
Consultant Neurosurgeon and Course Director
Regional Specialty Advisor in Neurosurgery for West Midlands

Member SAC in Neurosurgery
Elected UK Representative to EANS Training Committee



European Association of Neurosurgical Societies

Many of you may already be familiar with the EANS (the European Association of Neurosurgical Societies) – the UK has one of the highest proportional rates of EANS individual membership within Europe. We are perhaps best known for our Training Courses and Annual Congress, but also offer numerous other resources in support of our mission to be ‘the primary advocate for neurosurgery, neurosurgeons and their patients in Europe and beyond’.

Our name reflects only half the story. Originally formed in 1971 as a federation of European national neurosurgical societies, the EANS has offered individual membership since 2003 and the association now numbers almost 1500 individual members from nearly 100 countries worldwide. We arrange a variety of sub-specialist courses and meetings, as well as an annual event focused upon young neurosurgeons that have recently qualified, and offer numerous fellowships, observerships and other awards. Our members also benefit from free access to Acta Neurochirurgica, the official EANS journal. Its impact factor continues to increase, so please do consider submitting your work . . .

The excellence of the European Training Course in Neurosurgery and its enormous scientific and social value has long been acknowledged within the neurosurgical community. The course, which is made up of four annual four-day fully residential modules covering all neurosurgical subspecialties and combining lectures and ‘How I Do It’ sessions from some of the highest profile neurosurgeons in Europe with interactive learning sessions and plenty of ‘networking’ each evening, has long been extremely popular, with applicants significantly outnumbering available places. We are therefore delighted to be launching a third course cycle in May 2017, enabling many more residents/registrar than ever before to benefit from the courses. For more information and to apply, please see <http://www.eans.org/pages/education/training>.

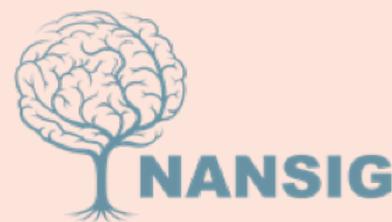
Originally held every four years, interest in the European Congress of Neurosurgery has recently increased so dramatically that the event is now held annually. This year’s congress will be held from 4th – 8th September in Athens, and the meeting theme ‘Neurosurgery: from the Classics to the Future’ appropriately reflects Greece’s rich

medical and neurosurgical history. We expect around 2,000 participants and a comprehensive programme of international speakers, ranging from the biggest ‘big names’ to young colleagues who are engaged in ground-breaking research. Please take a moment to look at www.eans2016.com - the speakers’ statements in the Programme and Abstracts section give a great flavour of the huge scope of content that will be covered.

We recognise, however, that not everyone is able to attend our events in person. All keynote lectures from our annual congress, plus much of the educational material from our Training Courses and other events, are available free of charge to our members via our online learning resource, the EANS Academy <http://academy.eans.org>. Moreover, around 20% of material is ‘open access’ – available without payment to all medical professionals upon completion of a short registration form. You may also be interested to browse through previous ‘Cases of the Month’ on our main association website www.eans.org.

We are currently working with the SBNS to put together a short EANS session at future SBNS meetings. The first such session will be incorporated in the Oxford meeting in spring 2017; more information will be available shortly. We are also indebted to the SBNS for assisting in the development of our European Clinical Trials Registry, which is based on the comprehensive schedule of UK multi-centre clinical trials available on the SBNS website. For more information, or to add your own trial to the database, please see <http://www.eans.org/pages/about-us/committees/eans-research-committee>.

The EANS believes that our UK neurosurgical colleagues have a vital role to play in the development of the European neurosurgical community, notwithstanding the recent Brexit vote. Two SBNS members currently serve on our Board: Prof Peter Hutchinson from Cambridge is our Secretary, one of the most senior Board positions, whilst Mr Andreas Demetriades from Edinburgh is Chair of our Individual Membership Committee. Moreover, Colin Watts from Cambridge is Chair of our Neuro-oncology Section and our Individual Membership Committee includes several UK members. We look forward to welcoming many of you to EANS2016 in Athens and/or to our other events during the course of the next few months.



SBNS & NANSIG (Neurology & Neurosurgery Student Interest Group) Career Day, 21 January 2017

If you know of any young medical students who are thinking of embarking on a career in neurosurgery please tell them to come along to our annual Career day, which will be held at the RSC Eng on Saturday 21st January. It will be a full day of informative talks by key note speakers from the SBNS, abstract presentations and an interactive exhibition of surgical equipment. We even throw in a lunch!

For more information, abstract submission and to register visit: www.nansig.co.uk

Glasgow Neuro Conference 2016

This years Glasgow Neurosurgery conference will be on Saturday 19th November at the Royal College of Physicians & Surgeons Glasgow. The conference is open to all medical students, junior doctors, registrars and consultants from across the UK who are all more than welcome to attend.

Places are limited so if you would like to attend please email glasgowneurosociety@gmail.com and you will be notified as soon as registration opens.

They have some very prominent key note speakers.



NeuroTrauma

20th October 2016
Royal Geographical Society, London
www.neurotrauma.org.uk

Following on from the success of last year’s NeuroTrauma day organised by Mark Wilson the event will be repeated on the 20 October 2016 at the Royal Geographical Society,

London.
We have a great line up of speakers.
To find out more and to register please visit <http://www.neurotrauma.org.uk/>

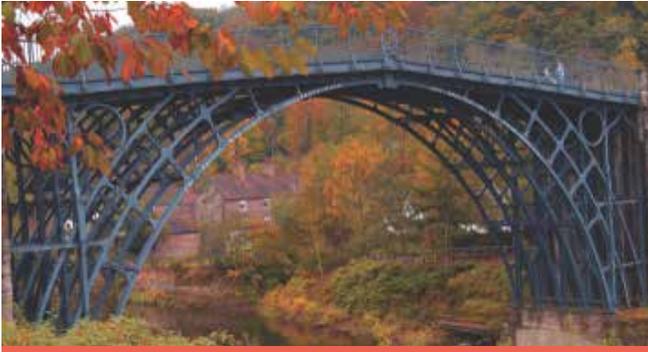


21 – 23 September 2016

SBNS AUTUMN MEETING – STOKE

Hosted by: University Hospital of North Midlands

Venue: Telford International Centre



University Hospital of North Midlands, Stoke are delighted to be hosting the SBNS Autumn Meeting. It is going to be held in the ultra modern conference facilities of Telford's International Centre.

The venue has state of the art meeting rooms and is conveniently located for hotels and the train station. The conference hotel is the Holiday Inn and just a 2 minute walk from the venue.



The Life Long Learning Session will be on Stroke chaired by Mr N Tezarakis featuring talks by Prof Christine Roffe from Keele University and Prof. Charlotte Codonnier from the University of Lille, France.

The eponymous lectures will be delivered by John Darling, Prof of Neuro-Oncology from the University of

Wolverhampton, Dr Uttam Shiralkar, Consultant Psychiatrist and Psycho-Oncologist and Mrs Gaye Blake-Roberts, Museum Curator for Wedgwood.

The Hunterian Lecture will be delivered by Mr Stephen Price and there will also be an update on surgical trials from Prof. Peter Hutchinson, SBNS Academic Chair.



Attending SBNS meetings is an excellent opportunity to fulfil your external CPD for appraisal and revalidation as well as for networking and meeting up with friends and colleagues during the social events.

The Welcome Reception will be held at Weston Park, a magnificent stately home set in 1000 acres of park land and the more formal dinner will be at the Iron Bridge Gorge Museum with reception drinks in the Ingenuity Museum.

The dinner will have a Great Gatsby Theme so you may want to dress up and get out your dancing shoes!

For further information and to register visit the conference page:

<http://www.sbns.org.uk/index.php/conferences/stoke-2016/>

A conference app will shortly be available to download.

The Sub-specialty meeting is on Skull Base neurosurgery and will be held on Tuesday afternoon, organised by Nick Thomas.

To register your interest and for further information please contact Carole Turner clt29@medschl.cam.ac.uk

We hope to see you all there!

Talking Slides!

Capture, Create, Communicate.

If you were unable to attend the meeting or would like to see the talks again you can do so via Talking Slides: ESW, our AV Company, have recorded and uploaded all the oral presentations for viewing to their website: <http://sbns.talkingslideshd.com>.

You will be required to register and create a password to gain access. Please use the registration code: th76rt5. Once logged in you can view all the talks presented at the meeting.

SBNS Research Day

Friday 10th February
2017

Royal College of
Surgeons, Lincolns
Inn Fields, London

The Academic Committee in conjunction with the SBNS are holding a SBNS Research Day next February where we plan to showcase all UK Neurosurgical Research, present and future. We have invited all the major funding bodies and relevant charities and have already secured representation from the MRC and NIHR. This will hopefully be a unique opportunity to discuss research projects and ideas with experts in all areas of Neurosurgery.

Please check the SBNS website where further details will be posted. If you would like to attend please can you contact Carole Turner clt29@medschl.cam.ac.uk

All are welcome!

Carole Turner – SBNS Research Manager
Prof. Peter Hutchinson - SBNS Academic Chair

SBNS Members are invited Guests to the Following Overseas Meetings



65th Annual Conference of the Neurological Society of India (NSICON)

15-18 December 2016, Chennai. SBNS Members are invited guests. For further information on submitting an abstract and registering for the meeting please visit www.nsicon2016.com

14 - 17 May 2017 Joint meeting between the SBNS and the German Neurosurgical Society in Magdeburg



Our German colleagues have very kindly offered 800 Euros of sponsorship to the UK trainees who have submitted the 10 top scoring abstracts. To be eligible for sponsorship UK abstracts should NOT be submitted via the German conference website, but should be emailed directly to Carole Turner clt29@medschl.cam.ac.uk All UK abstracts will be scored by members of the SBNS Academic Committee. The closing date for submission 30th November 2016. Full details are on the SBNS Website



The SBNS and CNS have been invited to participate in the XXI Meeting of the Spanish Society of Neurosurgery (SENEC) in Barcelona 17-19 May 2016. The theme of the meeting will be: Preservation of neurological function: a must paradigm. On the Friday there will be a special plenary section on Victor Horsley, organised by Michael Powell, Senior Member of the SBNS. SBNS Members are also welcome to submit abstracts for the meeting and attend.

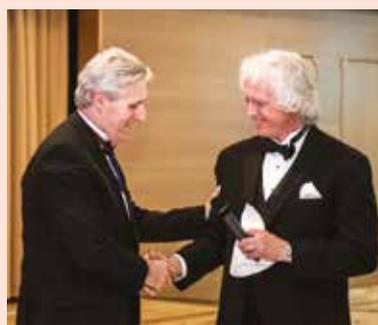
For further details please visit <http://www.neurocirugia2017barcelona.com/>

Photo Gallery

All the photos taken at the SBNS Spring meeting; Academic and Social events, can be viewed by clicking on this link: <http://jalbum.net/a/1715777>

If you wish to have a copy of any of the images please contact John Murray at john@pnjphotography.com

The SBNS would like to thank everyone who contributed to the meeting especially Mr Justin Nissen, our Host for the week and all our Sponsors.



SBNS Spring Meeting - Newcastle



The SBNS Spring meeting, hosted by the Royal Victoria Infirmary, Newcastle was a great success.

This was largely due to the huge amount of time and effort put in from the host unit, high quality of the presentations, guest speakers and excellent venue choice.

The weather for the 3 days was also fantastic and added to the upbeat feeling of the meeting from start to finish.

The social programme was also memorable with the Welcome Reception at the Baltic on the banks of the Tyne as the sun set behind the Millennium Bridge and the Gala Dinner at the Biscuit Factory, Newcastle's famous art gallery.

As ever the standard of presentations was consistently high and the SBNS Meetings Committee and Hosts would like to congratulate all presenters for their contributions. However, every meeting has to award prizes:



The whole event was eloquently summarised by Alexandra Abel, a Medical Student from Hull, in her blog.

<http://hyms.ac.uk/about-us/news-centre/studentblog/post/student-blog/2016/05/10/neuropods-and-the-next-generation-highlights-from-sbns-newcastle-2016>



Best Oral Presentation

Catriona Luney from Addenbrooke's for her abstract: Impact on survival of residual tumour following 5-ALA fluorescence guided resection of glioblastoma.



Best Poster Presentation

Michael Poon from the National Hospital for Neurosurgery and Neurology for his poster: Publication Rate of Conference Abstracts at Society of British Neurological Surgeons (SBNS) Meetings



Sir Hugh Cairns Essay Prize Winner

Mr Michael Hart, winner of the 2016 Sir Hugh Cairns Essay Prize presented his essay "Connectome analysis for pre-operative brain mapping in neurosurgery" at the meeting.

Dates for your diary

SBNS Spring Meeting

29th - 31st March 2017
the Examination Schools
Hosted by the John Radcliffe Hospital, Oxford

Abstract line opening on 1st September - 10 November 2016

SBNS Autumn Meeting

20th - 22th September 2017
Titanic Hotel, Liverpool
(An African Theme with the Nigerian and Ghanaian Neurosurgical Associations as invited guests)
Hosted by the Walton Centre, Liverpool

British Society of Neuroradiology
6th - 8th October 2016
The Royal York Hotel, York

Nurses, Physiotherapists,
Occupational Therapists Training Day
(on behalf of the Ann Conroy Trust)
10th November 2016
The Eaton Hotel, Birmingham

6th Liverpool Paediatric
Neurosurgery Masterclass
24th - 25th November 2016
Marriott City Centre Hotel, Liverpool

British Skull Base Society Meeting
26th - 27th January 2017
Cardiff - Venue TBC

British Neurovascular Group Meeting
2nd - 3rd February 2017
Glasgow - Venue TBC

British Neurosurgical Research Group
Meeting
2nd - 3rd March 2017
Birmingham - Venue TBC

Please visit the Dates for your Diary Section of the SBNS Website for full details of forthcoming meetings and courses
<http://www.sbns.org.uk/index.php/conferences/diary/>

The SBNS Newsletter is your chance to communicate with your SBNS colleagues. Contributions are welcome for the next issue due out in January 2017, content will be required by the end of October 2016. Please contact Suzanne Murray at the SBNS office admin@sbns.org.uk

B | BRAUN
SHARING EXPERTISE



- The first long term telemetric pressure sensor for the treatment of hydrocephalus
- Decision-making support with quick and easy evaluation of clinical symptoms
- Determination of optimal valve pressure setting
- Localisation of shunt blockages: Proximal and distal



MIETHKE SENSOR RESERVOIR

TELEMETRIC SHUNT CONTROL – READING INNER VALUES