

WEDNESDAY, 29 JUNE 2016

10.30 – 13.30	Executive Committee Meeting (with Lunch)
13.00 – 17.00	Registration (Local Organizing Committee/SBHScotland)
12.30 – 19.00	Registration (Local Organizing Committee/SBHScotland)
13.00 – 17.00	Pre Meetings <ul style="list-style-type: none"> • Experimental Hydrocephalus • Clinical Cases Reports
18:30	Coaches leave for Dan Young Building (The Spina Bifida Hydrocephalus Scotland Family Support Centre)
19.00	Welcome Reception by the Minister for Health Quality, Scottish Government and Informal Presentations by SBHScotland staff.
21.00	Coaches return to Stirling Court Hotel

THURSDAY, 30 JUNE 2016

08.00 – 13.30	Registration (Local Organizing Committee/SBHScotland)
8.45	Opening Remarks Andy Wynd and Rhoda Abel
9.00 – 11.00	Special Symposium: Genetics of Hydrocephalus and Spina Bifida Chair: Jo Glazier, Margo Whiteford Dr. Kate Storey - Mechanisms regulating neural differentiation Prof Andrew Copp - Genetic requirements for fusion of the neural folds as the neural tube closes
11.00 – 11.15	Coffee
11.15 – 12.30	Session : NTD: From embryogenesis to clinical aspects Chairs: Carole Sobkowiak, Andrew Copp Paper 1: Inositol for prevention of neural tube defects: the PONTI pilot randomised controlled trial; Andrew J. Copp, Kit-Yi Leung, Victoria Gay, Katie Burren, Kevin Mills, Lyn S. Chitty, Nicholas D. E. Greene, London, UK Paper 2: Fusion of the neural folds during neural tube closure: defining the genetic basis; Andrew J. Copp, Ana Rolo, Dawn Savery, Sarah Escuin, Sandra C. De Castro, Hannah E. J. Armer, Peter M. G. Munro, Matteo A. Mole, Nicholas D. E. Greene, London, UK Paper 3: Incidence of Tethered cord in children with Sacral Dimple; Kashif Chauhan, Mayriam Guessoum, Gulwish Moghul, Nia Fraser, Alan Williams, Sharon Scriven, Manoj Shenoy, Nottingham, UK Paper 4: Health Care Problems of Refugees with Spina Bifida in Germany; Reinhold Cremer, Cologne, Germany
12.20	Society Photograph
12.40 – 13.40	Lunch
14:00	Coaches Leave
15:00	Society Outing and Loch Lomond Cruise
17:15	Coaches leave to return to Stirling Court Hotel

19.00 Dinner at Stirling Court Hotel

FRIDAY, 1 JULY 2016

08.00 – 13.30 Registration (Local Organizing Committee/SBHScotland)

09.00 – 09.45 Special Lecture 1: Mark Hamilton – The Role for Endoscopic Third Ventriculostomy in the Adult Hydrocephalus Patient

Chair: Pat McAllister

10.00 -10.45 Session 2 Neurosurgery

Chair: Mark Hamilton, Maria Cartmill

Paper 5: Endoscopic Third Ventriculostomy in the Under Ones is a Successful Strategy for Managing Hydrocephalus; Maya Kommer, Emer Campbell, Roddy O'Kane, Glasgow, UK

Paper 6: Ventriculosubgaleal shunts can be used to delay permanent csf drainage in premature and low birth-weight babies; Maya Kommer, Roddy O'Kane, Emer Campbell, Glasgow, UK

Paper 7: Lumbar-Peritoneal Shunting in Hydrocephalus: Preventing Chiari Malformations and Decreasing Shunt Revisions; Carolyn Harris, Neena I. Marupudi, Tanya Pavri, Rasanjeet Singh, Abilash Haridas, Steven D. Ham D.O., Sandeep Sood,, Detroit, Michigan, USA

10.45 – 11.00 Coffee

11.00 – 12.30 Session 3 Guthkelch Award Finalists

Chairs: Carolyn Harris; Montserrat Guerra

Paper 8 Mortality of patients with myelomeningocele - a population based study; Joel Haakon Borgstedt-Bakke, Mikkel Mylius Rasmussen Aarhus,Denmark

Paper 9: Corpus callosum structure and auditory interhemispheric transfer in spina bifida myelomeningocele; Kailyn A. Bradley, Jenifer Juranek, Anna Romanowska-Pawliczek, H. Julia Hannay, Paul T. Cirino, Maureen Dennis, Larry A. Kramer, and Jack M. Fletcher Houston, TX, USA; New York, NY, USA; Toronto, ON, Canada

Paper 10: Aquaporin-1 expression in human choroid plexus development and its variation in Arnold Chiari type I and lissencephaly pathologies; Leandro Castañeyra-Ruiz, Agustín Castañeyra-Perdomo, Ibrahim González-Marrero, Emilia M.Carmona-Calero, Gundela Meyer, Leandro Castañeyra-Ruiz La Laguna, Tenerife, Islas Canarias, Spain; Puerto del Rosario, Fuerteventura, Spain; La Laguna, Tenerife, Islas Canarias, Spain

Paper 11: Potential protective role of reactive astrocytes in the periventricular parenchyma in congenital hydrocephalus; María García-Bonilla*, Kirill Shumilov, Ana Peñalver, Laura Castilla, Francisco J. Alonso, Javier Már-quez, María-Luisa García-Martín, Carmen Muñoz, Antonia Gutierrez, Antonio J. Jimenez Malaga, Spain

Paper 12: Neonatal hydrocephalus is a result of a block in folate handling and me-tabolism involving 10 formyl tetrahydrofolate dehydrogenase; Naila Naz, Alicia Requena Jimenez, Anna Sanjuan-Vilaplana, Megan Gurney, Jaleel Miyan Manchester, UK

Paper 13: Cognitive rehabilitation of executive functions in adults with spina bifida: efficacy of goal management training; Jan Stubberud, Donna Langenbahn, Brian Levine, Johan Stanghelle, Anne-Kristine Schanke Nesoddtangen, Norway; New York,NY, USA; Toronto, Canada; Oslo, Norway

12.30 – 13.30 Lunch

13.30 - 14.15 AGM

14.30 – 15.45	<p>Session 4 Hydrocephalus: experimental and clinical aspects</p> <p>Chairs: Hazel Jones; Jaleel Miyan</p> <p>Paper 14: Novel method for assessing pressure-induced neuronal injury patterns in vitro; Michael E. Smith, Ramin Eskandari; Charleston, South Carolina, USA</p> <p>Paper 15: Ventricular zone disruption in human neonates with posthemorrhagic hydrocephalus; James P. (Pat) McAllister II, Maria Montserrat Guerra, Esteban M. Rodriguez, Diego M. Morales, and David D. Limbrick Jr, Saint Louis, Missouri, USA and Valdivia, Chile</p> <p>Paper 16: Subcommissural organ (SCO) encapsulated cells to promote neurogenesis in hydrocephalic HTx rats; Maryoris Jara, Mario Flores, Karin Vio, Ignacio Moreno, Sara Rodriguez, Esteban M Rodriguez, Montserrat Guerra, Valdivia, Chile</p> <p>Paper 17: Neural stem cells differentiate into multiciliated ependymal cells in vitro and after grafting into the cerebrospinal fluid of hydrocephalic HTx rats; Roberto Henzi, Karin Vio, Montserrat Guerra, Pat McAllister, Conrad Johanson, Esteban M. Rodriguez; Saint Louis, Missouri, USA; Providence, Rhode Island, USA; Valdivia, Chile</p> <p>Paper 18: Brain viscoelasticity and headache in chronically shunted hydrocephalus using Magnetic Resonance Elastography; Kristy Tan, Avital Meiri, Adam L. Sandler, Rick Abbott, James T. Goodrich, Eric Barnhill, Mark E. Wagshul Bronx, NY, USA; Berlin, Germany</p>
15.30 – 15.45	Coffee (Delegates encouraged to final view Posters)
15.45 -16.30	<p>Special Lecture 2: Roger Bayston – The Zika Virus and Microcephaly: Influence of External Infectious Agents on the Fetus</p> <p>Chair: Helen Williams</p>
16.30 – 17.15	<p>Session 5 Oral Poster Presentations 3-5 minutes each (6 posters)</p> <p>Moderators: Andy Wynd; Waheed Ashraf</p> <p>Poster 1: Changes in clinical practice regarding brain imaging for patients with myelomeningocele and hydrocephalus due to increased awareness of risks from medical radiation; Gregory Smookler, Alexis Daevenport, Holly Lai, Los Angeles, USA</p> <p>Poster 2: Spinal dysraphism – experience of a southern Italy department and analysis of 141 cases; Carmen D'Aleo, Caltanissetta, Italy</p> <p>Poster 3: Enhanced attentional performance following pediatric goal management training in children with spina bifida: a pilot study; Jan Stubberud, Anne-Kristine Schanke, Lisbeth C. Brøndberg, Marie Hoff, Karen Grimsrud, Wenche F. Wilhelmsen, Pål-Erik Plaum, Trond Haagenen, Tove Helland, Julie B. Berge, Astri Å. Andersen, Marianne Løvstad, Oslo, Norway</p> <p>Poster 4: A pilot study of pediatric goal management training in children with spina bifida: informant and self-reports six months post-training; Jan Stubberud, Anne-Kristine Schanke, Lisbeth C. Brøndberg, Marie Hoff, Karen Grimsrud, Wenche F. Wilhelmsen, Pål-Erik Plaum, Trond Haagenen, Tove Helland, Julie B. Berge, Astri Å. Andersen, Marianne Løvstad, Oslo, Norway</p> <p>Poster 5: Closing the complex: a neurosurgical unit's experience with open myelomeningoceles; Aditaya Kumar, Roddy O'Kane, Emer Campbell, Glasgow, UK</p>
17.15 - 17.45	<p>Session 6 History</p> <p>Chair: Reinhold Cremer</p>
17.15 - 17.30	60th SRHSB Archivist Presentation - Ewen A. McKinnon
17.30 – 17.45	Scotland's Contribution to Spina Bifida over the years – Roddy O'Kane
19.00	Coaches leave for Annual Dinner and presentation of Guthkelch Award
19.30	Annual Dinner and with Guthkelch Award Winner Presentation at Stirling Castle
23:45	Coaches return to Stirling Court Hotel

SATURDAY, 2 JULY 2016

09.00 – 13.30	Registration (Local Organizing Committee/SBHScotland)
09.30 – 10.45	<p>Session 7: Hydrocephalus</p> <p>Chairs: Ian Pople, Laurence Watkins</p> <p>Paper 19: Flexible Neuroendoscopy: A Buyer's Guide; Aditaya Kumar, Emer Campbell, Roddy O'Kane, Glasgow, UK</p> <p>Paper 20: An audit of ventriculitis in external ventricular drainage after introduction of an antibacterial catheter over a seven year period; Roger Bayston, Liam Cain, Shazia Javed, Nottingham, UK</p> <p>Paper 21: Reducing ventricular shunt malfunction in the adult patient; Mark G. Hamilton, Geberth Urbaneja, Aaron Hockley, Albert Isaacs, Calgary, Canada</p> <p>Paper 22: Investigating glial mechanisms of shunt obstruction in hydrocephalus; Carolyn Harris, William Shain, Brian Hanak, M.D., Steven Ham, D.O. Detroit, Michigan, USA; Seattle, Washington, USA</p> <p>Paper 23: Is cerebral ventricle filling a low pressure phenomenon? Helen Williams, London, UK.</p> <p>Paper 24: Surgery for intracranial arachnoid cysts in children—a prospective longterm study; Katrin Rabiei, Mats Johansson Högfeldt, Roberto Doria-Medina, MagnusTisel Gothenburg, Sweden</p>
11.00 – 11.15	Coffee
11.15 – 12.30	<p>Session 8 Urology and Psychology</p> <p>Chair: Chris Driver; David Nash</p> <p>Paper 25: Experience of intradetrusor injection of Botulinum toxin A in children: a 10-year retrospective review; Peeraully R, Lam C, Mediratta N, Williams A, Shenoy M, Fraser N, Nottingham, UK</p> <p>Paper 26: Outcomes of urinary incontinence surgeries in spina bifida patients; Vinod Raj, Varun Hatiramani, Swathi Krishna, Santosh Karmarkar, Mumbai, India</p> <p>Paper 27: Stronger links, stronger families; supporting families affected by spina bifida and hydrocephalus to be all they can be; Sophie Teear, Rachel Lawson, Kim McKay, Vikki Rothero, Cumbernauld, UK</p> <p>Paper 28: Developing a screening methodology for improving quality of life in children and young people with hydrocephalus; Chloe Geagan, Kirsten Verity, Edinburgh, UK</p>
12.15 – 12.45	Break – (Packed Lunch collection) (judges discussion)
12.45 -13.00	Welcome to St. Louis – Pat McAllister
13.00 – 13.15	<p>Announcement of prize winners (to be announced by Helen Williams, Marcus Pauly and Reinhold Cremer and Pat McAllister)</p> <ul style="list-style-type: none"> • Best Clinical Presentation • Best Scientific Presentation • Poster Prize • President's Prize
13.15 – 13.30	Hosts and President Closing Remarks 13.30 Conference Close
14.00 - 16.00	Executive Committee Meeting

SOCIAL PROGRAMME

Wednesday 29 June 2016 Welcome Reception by the Minister for Health Quality, Scottish Government and Informal Presentations by SBHScotland staff.

Thursday 30 June 2016 Society Outing and Loch Lomond Cruise

Friday 1 July 2016 Evening Gala Dinner at Stirling Castle

STIRLING MEETING GRANTED CME CREDITS BY ECMEC

Society for Research into Hydrocephalus and Spina Bifida (SRHSB) annual meeting (60th) in Stirling was granted 15 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

The 'Society for Research into Hydrocephalus and Spina Bifida' (or) 'Society for Research into Hydrocephalus and Spina Bifida (SRHSB) 60th International Conference' is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net

The 'Society for Research into Hydrocephalus and Spina Bifida (SRHSB) 60th International Conference' is designated for a maximum of (or 'for up to') 15 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert

EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.